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Annual Reports

OF THE

Town of Groton



For the Year Ending December 31, 1920



ANNUAL REPORT
OF THE
Receipts and Expenditures
OF THE
TOWN OF GROTON
WITH
OTHER STATISTICAL MATTER
FOR THE
YEAR ENDING DECEMBER 31, 1920



1921
THE NEWS PRINTING CO.
AYER, MASS.

Town Officers

For 1920

Town Clerk

Appleton H. Torrey

Treasurer

Grant W. Shattuck

Collector of Taxes

Myron P. Swallow

Selectmen

George T. Stevens, term expires 1921

Frank A. Torrey, term expires 1922

Amos L. Ames, term expires 1923

Assessors

George T. Stevens, term expires 1921

Frank A. Torrey, term expires 1922

Amos L. Ames, term expires 1923

Overseers of the Poor

George T. Stevens, term expires 1921

Frank A. Torrey, term expires 1922

Amos L. Ames, term expires 1923

School Committee

Laurence E. Blood, term expires 1921

Arthur G. Kilbourn, term expires 1921

James T. Bennett, term expires 1922

Mabelle M. G. Brannigan, term expires 1922

Clifford S. Griswold, term expires 1923

Ethel P. White, term expires 1923

Board of Health

Solon R. Dodge, term expires 1921

Herbert C. Rockwood, term expires 1922

Dr. A. G. Kilbourn, term expires 1923

Auditors

Almon L. Call

George Cedric Molson

Park Commissioners

Charles B. Shattuck, term expires 1921

Shadrach Evans, term expires 1922

E. Dexter Howe, term expires 1923

2.14
L. to P. M. S. S. S. S.
8/17/33

Luther Blood Fund

Frank M. Blood, term expires 1921

Andrew J. Blood, term expires 1922

F. Lawrence Blood, term expires 1923

Fence Viewers

William V. Bixby

Frank D. Lewis

Pound Keeper

George S. Chase

Superintendent of Almshouse

Daniel Whalen

Engineers of Fire Department

Arthur A. Wood

Michael F. McGowan

M. Joseph Cleary

Inspector of Cattle

Jerome C. Shattuck

Forest Firewards

Arthur A. Wood

Michael F. McGowan

M. Joseph Cleary

Truant Officers

Bartholomew J. Dowling

William Ganley

Inspector of Slaughtering

Maitland A. Johnson

Tree Warden and Moth Superintendent

Shadrach Evans

Electric Light Commissioners

Fred Carpenter, term expires 1921

Henry K. Richards, term expires 1922

Charles J. Wright, term expires 1923

Registrars of Voters

Frank H. Palmer

Edward Roach

Frank C. Hammond

Appleton H. Torrey

Constables

Patrick W. Kane

Willard P. Tolles

Jerome C. Shattuck

Trustees of the Public Library

William Amory Gardner, term expires 1921

Martha P. Lawrence, term expires 1921

James T. Bennett, term expires 1922

Ellen M. Needham, term expires 1922

Charles B. Ames, term expires 1923

Carl A. P. Lawrence, term expires 1923

Superintendent of Streets

George L. Pierce

Librarian

Emma L. Blood

Trustees of the Dalrymple Fund

Sidney F. Davis, term expires 1921

Carl A. P. Lawrence, term expires 1922

Walter H. Dodge, term expires 1923

Field Drivers

Jerome C. Shattuck

Charles Lawrence

Herbert C. Rockwood

Measurers of Wood and Bark

Lawrence G. Strand

Grant W. Shattuck

Asa H. Thompson

Jerome C. Shattuck

Surveyors of Wood and Lumber

Lawrence G. Strand

Asa H. Thompson

Ansel M. Shattuck

Scaler of Weights and Measures

Roy A. Cunningham

Appropriation Committee

Frank L. Blood

George H. Knapp

Asa H. Thompson

Harry P. Tainter

William H. Whitehill

Chief of Police

Bartholomew J. Dowling

Town Clerk's Report

BIRTHS IN 1920

Date	Name	Parents
January		
12	Margaret Chase Green	William C. and Margaret (Ecfelt).
17	Wilbur George Sherwin	Daniel A. and Elizabeth M. (Bywater).
19	Margaret Nina O'Connor	Maurice and Lillian (Kissane).
March		
3	Benjamin Fay	George F. and Minta J. (Mosher).
10	Joyce Sampson	George F. and Phyllis (Mariott).
April		
23	Virginia Elsie Libby	Cecil W. and Mabel C. (Christopher).
26	Philip Coke	Edward A. and Mary (Johnson).
May		
8	Veronica S. Majenski	Frank and Sophie (Haberski).
12	Gladys May Carkin	George B. and Bessie F. (Hall).
12	Arthur Harold Woods	Lewis G. and Ruth (Walch).
14	Margaret O. Frazer	Charles M. and Rose M. (Nutting).
19	Leslie Frederic Allfrey	Harry G. and Edith (Rendell).
27	Merl Barnes Seaver	Osro H. and F. Louise (Barnes).
June		
9	Ralph Alvin Wheeler	Lucius A. and Blanche M. (Scott).
9	Joseph Leon Fournier	Ludovic J. and Leontine M. (Labadie).
23	Ruth Elizabeth Taylor	Herbert W. and Eva B. (Torrey).
28	Mildred Louise Harris	Alfred W. and Lottie L. (Allfrey).
29	Martha Monnot Harrington	P. Milo and Martha E. (Monnot).
July		
2	Emeline Viola Marvin	Alfred and Theresa E. (O'Neill).
3	Eugene Kenneth Robichaud	John B. and Gladys (Galley).
11	Elise Hamlet Woods	Harold H. and Helen B. (Moore).
24	Wallace Raymond Andrews	Forest O. and Eva M. (Blodgett).
25	Wilfred Dutton Potter, Jr.	Wilfred D. and Florence F. (Frye).
August		
9	Eleanor Marjorie Williams	George H. and Mazie J. (Baulier).
11	Martha Lawrence Boynton	William H. and Vera M. (Sargent).
September		
24	Virginia Mountain	James P. and Ethel (Davenport).
25	Philip Francis Kennedy	Martin F. and Theresa (Flannigan).
27	Margery Blood	Mark H. and Muriel R. (Moison).
27	Louise Blood	Mark H. and Muriel R. (Moison).
27	Bertha Jane Crowe	Henry H. and Martha E. (Freeman).
28	——— Kurtyka	daughter to Joseph M. and Stephi (Kotlay).

October

- 5 Audrey Mae McNiff—Thomas W. and Dolores (Newton).
21 Anettre Ouillete—John B. and Rosa (Lapriere).

November

- 17 Viola MacDougall—William A. and Viola (Doyle).
29 Mary Marceline Gobie—William A. and Mary J. (MacGillivray).

December

- 22 Carol Call—Almon L. and Hermine (Zimmerman).

MARRIAGES IN 1920

Date	Age	Residence
January		
18 Hugh Grant	40	Groton
Rose (Dinan) Davis	42	Groton
19 William Prescott Freeman	23	Groton
Lillian Gertrude Tuttle	25	Groton
March		
4 John Gronski	31	Ayer
Helen Henwize	18	Groton
31 Clarence F. Anderson	30	Groton
Samantha Oldershaw	19	Groton
April		
16 Frederick Trubee Davison	24	Locust Valley, N. Y.
Dorothy Peabody	20	Groton
21 George Kruse, Jr.	39	Williamsville, Mass.
Jessie M. Shattuck	25	Groton
26 Frank Lapierre	36	Colrain, Mass.
Maud Supernent	28	Groton
June		
22 William Shaw	22	Groton
Charlotte L. Sibley	21	Groton
23 Israel M. Smith	52	Groton
Sarah E. (Beebe) Stone	40	Groton
July		
9 George Henry Parr	50	Groton
Josephine A. (Nutting) Hatch	60	Groton
17 Edward Harding	32	Boston
Geraldine Lawrence	27	Groton
August		
16 Sylvester Green	29	Groton
Mary G. Henwize	19	Groton
24 Ernest Haase	18	Groton
Isabel Lysaght	19	Fitchburg
September		
22 John Thomas Gilmour	31	Brookline, N. H.
Mildred Beverly Dodge	21	Groton

September

30 William O. Dunham
Minnie J. Grove

56 Groton
52 Groton

October

2 Verne Lincoln Severance
Mabel D. Rogers

28 Fitchburg
28 Groton

9 Paul W. Perrin
Alice E. Lesieur

33 Groton
34 Marlboro, Mass.

14 Clarence Lee Thompson
Elsie Marion Tarbell

32 W. Groton
33 W. Groton

14 Clarence Acton Small
Olive Marshall Tarbell

32 Somerville, Mass.
32 W. Groton

November

12 Norman Lane Dodge
Veronica Donovan

20 Groton
18 Groton

December

15 Ismond David Ellingwood
Ethel May Patterson

26 Groveton, N. H.
20 Groton

DEATHS IN 1920

			Age		
Date	Name	Birthplace	Y.	M.	D.
January					
1	Francis G. Lawrence	Pepperell	73	9	28
8	Evelyn A. Clark	Groton	65	3	14
9	Mary Abigail Clough	Croydon, N. Y.	80	0	11
15	Emma Spaulding Davis	Wilton, N. H.	52	6	10
February					
6	Ellen Reynolds	Plattsburg, N. Y.	31	2	21
7	Margaret Nina O'Connor	Groton	0	0	19
18	Maria F. Perry	Argyle, N. S.	82	3	15
19	Lucy H. Smith	Virginia	50
March					
21	David Downey	Nantasket-Hull	73	0	12
25	Martha Tarbell	Lunenburg	88	5	1
April					
11	Charles A. Murphy	Boston	85	5	1
23	G. Gilman Smith	Somerville	42	4	9
May					
7	Ruth (Gerrish) Wharton	Groton	36	7	6
16	Mary Jane Shattuck	Groton	91	8	14
28	Loraine Ellen Marcelais	Haverhill	6	11	7
June					
9	Leontine Fournier	Canada	36	1	20
14	Mehitable G. Harrington	Newton, Mass.	69
23	Susie G. Tuttle	Ayer	56	1	8
30	Sarah A. Bouthorpe	Vermont	86	8	0
July					
17	Almira (Gilson) Parker	Dunstable	93	8	19
21	Louise C. Guest	Lawrence, Mass.	2	10	21
28	Margaret (Moore) Berry	Sudbury, Mass.	80	7	8

August					
2	Samuel Reed		86	10	18
18	Henrietta M. Chase	Calais, Me.	72	11	11
19	Monson G. Millett	Waterville, N. S.	48	5	25
September					
15	Laura A. Wright	Salem, Mass.	91	4	16
23	Moses P. Palmer	Derry, N. H.	90	4	22
October					
19	S. Alice Webster	Salem, Mass.	59	7	13
31	George A. Cook	Lunenburg	85	2	30
November					
3	Emma B. Gerrish	Groton	76	3	29
4	Charles E. Blood	Groton	70	5	3
8	Cora H. Tuttle	Groton	33	6	8
17	Stillborn				
December					
6	Hannah Moran	Ireland	74	3	22

ANNUAL TOWN MEETING, FEBRUARY 2, 1920

Pursuant to a warrant calling for the Annual Town Meeting the voters of the town met in the Town Hall at 7 o'clock A. M.

Article 1. Henry W. Whiting was chosen Moderator, and sworn.

Art. 2. Voted on motion of William P. Wharton that a committee consisting Michael Sheedy, H. K. Richards and J. T. Bennett is hereby appointed to consider and analyze in detail the Report of the Selectmen and other Town Officers and to report fully thereon to a Town Meeting to be held at some date before April 1, 1920. That such committee be further instructed to report on a suitable system of town accounting and on such change of date of the Annual Town Meeting as will permit of printing and circulating the Town Reports at least two weeks in advance thereof.

Art. 3. Officers elected (See Town Officers).

Art. 4. The following appropriations were made:

For maintenance of Public Schools	\$34,887.47
School gardens	300.00
Electric Light Department—	
Depreciation 3% cost of plant	1,105.16
Municipal buildings	447.00
Lighting streets	1,800.00
House connections, transformers and meters	2,200.00
To extend street lighting system to mill district	1,200.00
Rebuilding trunk line	3,000.00
Also voted that the Commissioners be allowed to take \$2,000.00 from the Depreciation Fund in addition to the \$3,000.00 already voted for said trunk line.	
Public Library—	
Groton, dog tax and	1,300.00
West Groton	150.00
For keeping town diary of current events	100.00
Roads and Bridges—General expenses	15,000.00

Fire Department—Maintenance	\$1,700.00
Forest fires	300.00
Hydrant service—Groton	1,250.00
West Groton	575.00
Town Incidentals	800.00
Support of Poor	2,000.00
District Nurse	1,200.00
Ice for drinking fountain	50.00
Band Concerts	500.00
Salary of Selectmen	750.00
Board of Health (for use of)	400.00
Memorial Day	100.00
Water for fountains	100.00
Care of Old Burying Ground	40.00
Care of Clock on Baptist Church	25.00
Use of Tree Warden	200.00
Police Department	1,400.00
School House Notes	2,500.00
Use of Park Commissioners—revenue and	100.00
Salary of Treasurer	250.00
Interest on Notes	5,500.00
Premium on Insurance Policies	110.50
Town Officials	1,000.00
Road Note	15,000.00
Town Hall—revenue and	1,025.00
Squannacook Hall—revenue and	100.00
Repairs on Squannacook Hall	350.00
Sidewalk on Hollis Street—Article 8	500.00
Demonstration Work, Agriculture and Home Economics—Article 9	250.00
To extend Street Lighting system to Ayer town line—Article 10	1,500.00
Suppression of Moths—Article 12	1,138.60
Total	\$102,203.73

Article 5. Voted that all single poll taxes be collected before the first day of October, and all other taxes on or before October 15; that interest at the rate of six per cent per annum be charged and collected on all unpaid bills after that date. Collector to receive $\frac{1}{2}$ of one per cent on all taxes collected.

Article 6. Voted same compensation to Engineers and Firemen as last year.

Article 7. Voted unanimously that the Town Treasurer, with the approval of the Selectmen, be and hereby is authorized to borrow money from time to time in anticipation of the revenue of the financial year beginning January 1, 1920, and to issue a note or notes therefor payable within one year. Any debt or debts incurred under this vote to be paid from the revenue of said financial year.

Vote on Liquor Question: Yes 154, No 154.

SPECIAL TOWN MEETING, APRIL 6, 1920

Article 1. F. Lawrence Blood was chosen Moderator and sworn.

Art. 2. Report of Committee chosen Feb. 2, 1920. The Committee's report was read by Michael Sheedy. Upon motion of Wm. P. Wharton the

following vote was passed. Voted: That the Committee's report be accepted as a report of progress, and that the Committee be authorized to continue its work and to expend for expert assistance a sum not to exceed \$300.00, which sum or such part thereof as may be necessary, is hereby appropriated.

Art. 3. Report of Committee chosen Dec. 11, 1919. The report of this Committee was read by Rev. Sherrard Billings. "The Committee appointed to advise the town as to the Dr. Green Fund respectfully recommend

1st. That the town gratefully accept the Fund under the terms of the will.

2nd. That the town accept the provisions of Chapter 282 of the Acts of the General Court under date of April 27, 1915.

3rd. That at least one of the Commissioners be a woman."

Voted, That the report of the Committee be accepted and that their recommendations be adopted.

Art. 4 and 5. Indefinitely postponed.

SPECIAL TOWN MEETING, JULY 13, 1920

Article 1. Henry W. Whiting chosen Moderator and sworn.

Art. 2. Voted to accept the provisions of Chapter 240, Acts of 1920, permitting certain sports and games on the Lord's Day.

Art. 3. Voted to raise and appropriate the further sum of \$1,200.00 for support of poor.

Art. 4. Voted to raise and appropriate the sum of \$3,000.00 to extend electric light line from Vose's mill to corner beyond Kemp farm at four corners.

DOG REPORT FOR 1920

Number of licenses issued	127
Amounts paid County Treasurer as per receipts on file	\$320.60
Fees Received by the Town Clerk	
For issuing dog licenses	25.40
For issuing hunting, fishing and trapping licenses	35.70
For issuing marriage certificates	18.00
Copying mortgage deeds	6.25
Returning births, marriages and deaths	75.50
	<hr/>
	\$160.85

APPLETON H. TORREY, Town Clerk.

RECEIPTS AND EXPENDITURES

OF THE

TOWN OF GROTON

FOR THE

Year Ending December 31, 1920

FIRE DEPARTMENT

Appropriation	\$2,000 00	
Credits—Repaid Forest Fires	54 95	
	<hr/>	\$2,054 95
Shattuck's Store Co., supplies	\$7 46	
J. E. Adams, team	13 00	
Lois M. Wright	2 20	
Groton Auto and Repair Co.	7 85	
First Parish of Groton, rent	5 00	
A. A. Wood	37 87	
Crockett & Moison, repairs	2 50	
George Pierce	5 00	
James W. Wilson	15 00	
M. F. McGowan	38 00	
A. A. Wood	60 40	
M. Joseph Cleary	40 00	
Pay roll, No. 1	620 00	
Pay roll, No. 2	455 00	
A. A. Wood, (forest fires)	64 25	
Robert Fletcher	17 75	
P. W. Kane	12 00	
L. A. Dodge, gasoline	4 10	
Charles J. Wright	2 31	
Groton Auto Repair Co.	12 15	
Shattuck's Store Co., supplies	7 92	
W. H. Bruce, supplies	15 90	
A. A. Wood, (forest fires)	25 00	
Groton Auto and Repair Co.	84 20	
Edison Packing and Sales Co.	3 00	
Groton Inn, gas	2 34	

Edison Packing Co., hose	\$195 89	
A. A. Wood	89 50	
Thomas Bywater	3 00	
Shattuck's Store Co., supplies	2 10	
P. W. Kane (watching Fire)	4 00	
Unexpended balance	198 82	
	<hr/>	\$2,054 95

POLICE DEPARTMENT

Appropriation	\$1,400 00	
Credits—Licenses and Fees	255 00	
	<hr/>	\$1,655 00
N. E. Tel. and Tel. Co.	\$ 46 23	
B. J. Dowling, salary 11 months	1,100 00	
J. F. Dilbert, auto hire	118 00	
Jerome C. Shattuck, constable	116 25	
H. W. Buckingham, auto hire	26 75	
P. W. Kane, constable	35 00	
W. P. Tolles, constable	47 20	
Irving Hynes, auto hire	12 00	
T. H. Donahue, auto hire	4 00	
A. L. Smith, auto hire	2 00	
B. J. Dowling, expenses	28 50	
W. P. Tolles, constable	17 50	
Unexpended balance	101 57	
	<hr/>	\$1,655 00

BOARD OF HEALTH

Appropriation		\$400 00
Solon R. Dodge, (1919)	\$12 50	
American Express Co.	35	
Frank M. Blood, labor	6 40	
Maitland A. Johnson, (Inspector of slaughtering)	195 00	
Herbert C. Rockwood	12 50	
Solon R. Dodge	12 50	
Unexpended balance	160 75	
	<hr/>	\$ 400 00

ICE FOR FOUNTAIN

Appropriation	\$ 50 00
Paid Mark H. Blood for ice	\$ 50 00

SALARY OF TREASURER

Appropriation	\$250 00
Paid Grant W. Shattuck, treasurer	\$250 00

INSURANCE

Overdrawn	\$ 10 38	
Appropriation	110 50	
	<hr/>	\$120 88
Paid Harry P. Tainter		\$120 88

DISTRICT NURSE

Appropriation	\$1,200 00
Paid Annie C. Cullen, nurse	\$1,200 00

HYDRANT SERVICE

Appropriation		
Groton	\$1 250 00	
West Groton	575 00	
	<hr/>	\$1,825 00
Groton Water Co.	\$1,250 00	
West Groton Water Supply District	575 00	
	<hr/>	\$1,825 00

FOUNTAINS

Appropriation		\$100 00
West Groton Water Supply Co.	\$25 00	
Groton Water Co.	44 25	
Unexpended balance	30 75	
	<hr/>	\$100 00

HALLS

Appropriation—Town Hall	\$800 00	
West Groton	100 00	
Credits—Town Hall	515 40	
Squannacook Hall	172 28	
	<hr/>	\$1,587 68

W. H. Bruce	\$ 65	
James W. Wilson	360 00	
Fred W. Coburn, lamps	33 00	
Shattuck's Store Co.	2 80	
Int. Rev. Department	3 35	
C. Z. Southard, coal	386 35	
Shattuck's Store Co.	3 54	
N. E. Tel. & Tel. Co.	7 24	
Frank M. Blood, repairs	56 45	
Fred W. Coburn (Squannacook Hall)	17 57	
Int. Rev. Dept. (Squannacook Hall)	25 00	
Int. Rev. Dept. (Town Hall)	50 00	
W. H. Bruce	1 30	
James W. Wilson, supplies	1 20	
Harry P. Tainter	13 75	
P. W. Kane (Squannacook Hall)	15 00	
George H. Blood (for repairing conductors)	287 18	
E. A. Whitney, auto hire	3 00	
For Boiler Inspector		
(D. M. Dillon, Steam Boiler Works)	35 36	
David E. Murphy	9 20	
F. W. Coburn	13 66	
Shattuck's Store Co.	13 30	
Bixby-Webber Co.	17 24	
Frank M. Blood	14 80	
Fred C. Tuttle, labor	40 76	
Shattuck's Store Co.	1 46	
E. D. Howe, locks	2 60	
H. P. Tainter, supplies	2 06	
A. Howard Thompson, repairs	6 60	
Fred C. Tuttle, repairs	51 89	
Unexpended balance	111 37	
		<hr/> \$1,587 68

TOWN OFFICIALS

Appropriation	\$1,000 00	
Overdrawn	2 28	
		<hr/> \$1,002 28
M. P. Swallow, tax collector	\$448 45	
Solon R. Dodge, cattle inspector	129 08	
Appleton H. Torrey, returns 1919	75 50	

Horace H. Rockwood, election officer	\$ 2 00	
G. Cedric Moison, auditor	10 00	
Amos L. Carr, auditor	10 00	
Edward Roach, registrar	23 25	
Charles A. Harrington, election officer	10 00	
Frank A. Torrey, counsel and retainer	125 00	
Fred W. Coburn, election officer	32 00	
Frank H. Palmer, election officer	15 00	
Patrick W. Kane, election officer	32 00	
Amos L. Carr, election officer	8 00	
M. Joseph Cleary, election officer	30 00	
Henry W. Whiting, moderator	10 00	
Fred C. Tuttle, election officer	32 00	
William L. Denahy, election officer	10 00	
	<hr/>	\$1,002 28

TOWN INCIDENTALS

Appropriation	\$800 00	
Credits		
Weighing fees	97 84	
Rent from Post Office	187 50	
Sealer's Fees	28 71	
	<hr/>	\$1,114 05
Elizabeth C. Rockwood, clerk	\$15 00	
H. W. Buckingham	13 00	
Amos D. Mahony, return	1 50	
Charles B. Ames, care of clock, 1919	25 00	
Allen Doane, stamp	1 25	
E. A. Whitney, express	3 00	
Arthur K. Green, labor on scales	4 00	
James F. Shattuck, bonds	15 00	
News Printing Co., printing	320 66	
Thomas F. Donahue, stamps	34 72	
Horace W. Buckingham, auto hire	96 00	
Carrie A. Wood, registry	61 42	
Turner's Public Spirit	6 00	
George E. Meyet, auto hire	41 25	
Everett B. Gerrish, bonds	140 00	
P. B. Murphy, printing	4 35	
Shattuck's Store Co., supplies	1 90	
Adelaide J. Robblee, clerk	15 30	

Geneive Harrington, clerk	\$36 50	
Fred G. May, auto for primaries	10 00	
Dennis J. Driscoll, paper	2 50	
Bixby-Webber Co., hall	2 12	
Charles B. Ames, care of clock, 1920	25 00	
American Express Co.	92	
J. Frank Dilbert, auto hire	27 00	
N. E. Tel. & Tel. Co.	4 62	
Huntley S. Turner, printing	41 75	
Hobbs and Warren Co., blanks	23 26	
B. J. Dowling, expense	2 22	
A. B. Farwell, auto	34 00	
R. A. Cunningham, salary as sealer	50 00	
Unexpended balance	54 81	
		<hr/>
		\$1,114 05

MOTH DEPARTMENT

Appropriation	\$1,138 60	
Tree Warden		
Appropriation	200 00	
Credits—Private work and state	2,402 61	
		<hr/>
		\$3,741 21
Amount uncollected	\$76 60	

This account also includes Tree Warden's Department.

Shattuck's Store Co., supplies	\$205 28
Groton Auto and Repair Co., supplies	29 75
Shadrach Evans, expense and horse	45 64
Pay Roll, Feb. 12	12 00
William S. Woods, filing saws	7 05
Pay Roll, March 18	56 00
Park Street Garage, truck	859 97
Pay Roll, March 25	115 00
Thomas Bywater, rent	79 00
Pay Roll, April 1	107 00
Pay Roll, April 8	24 75
Pay Roll, April 15	50 00
Pay Roll, April 22	79 00
Frost Insecticide Co., supplies	105 57
Pay Roll, April 29	72 50
Pay Roll, May 6	89 00

M. A. Johnson, labor	\$ 8 50
Pay Roll, May 13	82 50
Pay Roll, May 20	89 00
Pay Roll, May 27	83 00
Pay Roll, June 3	62 50
Town of Groton, poor department	10 00
Pay Roll, June 10	77 00
Wilder Blood, team	109 00
Pay Roll, June 17	64 75
Pay Roll, June 24	59 63
Pay Roll, July 1	86 26
L. A. Chapman, state employee	7 88
Pay Roll, July 8	29 13
Pay Roll, July 22	27 00
Pay Roll, August 5	23 58
Pay Roll, August 12	66 25
William P. Wharton, supplies	26 25
Pay Roll, August 19	66 25
Pay Roll, August 26	75 25
Pay Roll, Sept. 2	74 75
Pay Roll, Sept. 9	66 25
Pay Roll, Sept. 16	40 01
Pay Roll, Sept. 23	53 00
Pay Roll, Oct. 7	16 14
William S. Woods, repairs	15 00
Pay Roll, Oct. 22	31 76
Pay Roll, Nov. 4	120 25
Pay Roll, Nov. 11	79 50
Pay Roll, Nov. 18	53 50
Pay Roll, Dec. 2	34 13
Pay Roll, Dec. 9	13 51
Groton Auto Supply Co.	61 27
Pay Roll, Dec. 30	22 75
J. H. and G. M. Robinson	44 00
Shattuck's Store Co., supplies	17 27
Unexpended balance	7 38
	<hr/>
	\$3,847 11

After the town has expended its liability which is the appropriation, the Commonwealth will reimburse the town 100% for money expended.

The Commonwealth will not allow for purchase of a truck, but will reimburse the town for auto hire an amount equal to the value of the machine.

REPAIRS ON WEST GROTON HALL

Appropriation		\$350 00
Fred C. Tuttle, labor and material	\$312 44	
Fred W. Coburn, electrical	4 10	
Mrs. R. Gill, labor	5 20	
Unexpended balance	28 26	
		\$350 00

MIDDLESEX COUNTY BUREAU

Appropriation	\$250 00
Paid Middlesex County Bureau	\$250 00

MEMORIAL DAY

Appropriation	\$100 00
Paid Moses P. Palmer, treasurer	\$100 00

BAND CONCERTS

Appropriation	\$500 00
Paid Harry M. Adams, treasurer	\$500 00

SPECIAL AUDIT

Appropriation	\$300 00
Paid Edward L. Pride & Co.	\$300 00

OLD CEMETERY

Appropriation	\$40 00
Paid Jerome C. Shattuck for care	\$40 00

BAPTIST CLOCK

Appropriation	\$25 00
Paid Herbert C. Rockwood, care	\$25 00

SALARY OF SELECTMEN

Appropriation		\$750 00
Frank A. Torrey	\$258 33	
George T. Stevens	258 34	
Amos L. Ames	233 33	
		\$ 750 00

HIGHWAY DEPARTMENT

Appropriation	\$15,000 00
Credits	
Received from F. L. Howes	7,470 69
R. E. Danielson	4,356 32
Groton School	1,313 51
Lawrence Brooks	484 75
Town of Pepperell, use of roller	280 00
George E. Lawrence, cement	87 75
George H. Pierce, use of truck	349 95
Groton School, use of truck	396 00
Miscellaneous	48 51
	<hr/> \$29,787 48
Hollingsworth & Vose, supplies	\$ 5 68
J. E. Adams, labor	21 00
Groton Water Co.	7 00
E. A. Cowee Co., supplies	179 80
Bixby-Webber Co., tile	188 59
W. H. Bruce, supplies	3 18
A. A. Lawrence, repairs	2 00
Shattuck's Store Co., supplies	461 73
Groton Garage and Repair	49 00
N. E. Tel. & Tel. Co.	22 65
C. H. Hanson & Co., horse	358 00
Robert E. Sargent, hay	46 12
Wheeler W. Ames, repairs	1 00
James Frazer, express	3 00
Dennis Toomey, supplies	128 00
N. E. Road Machine Co., supplies	234 80
L. G. Strand, repairs	6 50
Groton Inn, supplies	6 61
John Moyle, labor	12 50
Arthur K. Green, labor	88 91
Thomas Bywater	46 65
Pay Roll, April 1	237 00
Pay Roll, April 8	238 50
H. A. Johnson, sled	63 00
Pay Roll, April 15	329 50
Pay Roll, April 22	303 00
Auto Car Service & Sales, repairs	96 15
Pay Roll, April 29	475 50

Pay Roll, May 6	\$571 50
Charles B. Shattuck, dump	17 50
Connoly Bros., rent	15 00
Frank A. Torrey, clerk	100 00
George H. Pierce, labor	270 95
A. L. Smith, supplies	19 70
George H. Woods, sand and plank	107 81
L. G. Strand, repairs	39 40
Groton Auto and Repair Co., repairs	115 22
Pay Roll, May 13	501 50
New England Metal Culvert Co., pipe	292 22
Pay Roll, May 20	369 25
Pay Roll, May 27	267 72
Buffalo Steam Roller Co., supplies	17 89
Pay Roll, June 3	180 19
George E. Lawrence, labor	5 00
Pay Roll, June 10	389 29
Pay Roll, June 13	475 14
Pay Roll, July 22	108 00
Pay Roll, July 29	77 00
Harry P. Tainter, supplies	93 63
Pay Roll, Aug. 12	43 13
Pay Roll, Aug. 19	77 53
Robert E. Allen, sand	4 25
American Express Co.	1 41
Upton-Gilman Machine Co., repairs	45 14
James Frazer, rent	60 00
Clarissa Coburn, services 1919	50 00
Committee of Public Safety	5 00
P. L. Donahue, insurance	475 00
Pay Roll, Nov. 6	353 64
Pay Roll, Nov. 18	77 98
Joseph A. Paulhus, labor	11 25
Pay Roll, Dec. 8	156 15
Pay Roll, Dec. 16	170 75
Bixby-Webber Co., supplies	55
Mrs. George F. McDonough, sand	21 60
K. P. Fletcher, gravel	150 00
Nina Knight, gravel	24 00
James Fitzpatrick, labor	20 50
Shadrach Evans, gravel	4 80
Howard L. Gilson	17 50

Edwin A. Shattuck, labor	\$32 10
Blodgett Bros., labor	12 00
H. B. Flanders, repairs	16 50
Standard Oil Co., oil	954 15
Good Roads Machine Co., repairs	5 25
George E. Lawrence, labor	79 38
Pay Roll, Dec. 23	216 75
Pay Roll, Dec. 30	278 50
	<hr/> \$11,014 09

REMOVAL OF SNOW

Leonard Williams	\$ 4 25
Frederic A. Sherwin	512 00
Shadrach Evans	50 50
I. Mozart Smith	640 00
Pay Roll, Feb. 5	203 00
Pay Roll, Feb. 6	203 00
Pay Roll, Feb. 6	303 75
Pay Roll, Feb. 12	509 00
Harry M. Clapp	103 00
L. G. Strand	140 25
Pay Roll, Feb. 19	352 50
Edward Gamlin	20 00
Elisha Greenlaw	10 00
Pay Roll, Feb. 26	703 50
Pay Roll, March 4	1,046 00
Clarence A. Tuttle	274 00
Underhill Farm	59 00
H. P. Barteaux	137 00
Joseph Carter	140 00
Pay Roll, March 12	1,073 50
Frank D. Lewis	83 75
James T. Hill	94 00
Otto C. Heiber	10 00
G. Willard Smith	236 75
Pay Roll, March 18	151 00
Pay Roll, March 25	116 00
Walter P. Floyd	43 00
Jerome C. Shattuck	38 00
Mason Shattuck	4 00
George A. Floyd	103 50

Newton Carkin	\$ 3 00	
K. P. Fletcher	225 00	
H. W. Flavill	182 00	
Five Oaks Farm	101 25	
Albert Carkin	4 00	
Joseph Gintner	6 00	
Herman Huebner	3 00	
Arthur A. Wood	8 00	
Joseph B. Raddin	150 00	
Lawrence Brooks	159 00	
William H. Whitehill	6 00	
	<hr/>	\$8,211 50

Bill to Groton School

Labor and teams	\$214 40	
General Crushed Stone Co.	68 42	
H. E. Fletcher Co., stone	62 02	
Levi W. Phelps Estate, 212 ft. 8-in. pipe	116 60	
D. R. Waterman, trucking	120 00	
Barrett Co., tarvia	401 70	
B. & M. R. R., freight	34 02	
Massachusetts Broken Stone	41 70	
W. L. Prowse, trucking	97 74	
Use of road roller	37 50	
	<hr/>	\$1,194 10
10% commission	119 41	
Paid in full	<hr/>	\$1,313 51

Bill to Lawrence Brooks

Labor and teams	\$384 13	
Levi W. Phelps	21 60	
Use of roller	14 96	
Superintendence	20 00	
	<hr/>	\$440 69
10% commission	44 06	
Paid in full	<hr/>	\$ 484 75

Bill to R. E. Danielson

Labor and teams	\$3,209 29
Superintendence	195 00

Town truck	\$330 00	
Town team	127 00	
Roller	40 00	
George E. Lawrence, mason	39 00	
Grate	20 00	
	<hr/>	
	\$3,960 29	
10 % commission	396 03	
Paid in full	<hr/>	\$4,356 32

Bill to F. L. Howes, Riverdale Farm

Labor and teams	\$4,117 78	
Tarvia	1,212 90	
Local stone	646 00	
12 ft. iron pipe	12 00	
Teaming and crushing stone	22 50	
Town team	116 00	
Town truck	268 50	
Road roller	100 00	
Car of stone	45 75	
Freight on stone	34 31	
Liability insurance	96 75	
Labor of superintendent	55 95	
	<hr/>	
	\$6,728 44	
10 % commission	672 84	
	<hr/>	
	\$7,401 28	
Flagstone and incidentals	69 41	
Paid in full	<hr/>	\$7,470 69
Total general work	\$11,014 09	
Removal of snow	8,211 50	
F. L. Howe	5,453 96	
Lawrence Brooks	267 73	
R. E. Danielson	3,216 99	
Groton School	1,192 38	
	<hr/>	\$29,356 65
Balance in treasury		430 83
		<hr/>
		\$29,787 48

SIDEWALKS

Appropriation		\$500 00
Shattuck's Store Co., cement	\$172 50	
Pay Roll, Oct. 28	142 63	
Pay Roll, Nov. 4	143 25	
George E. Lawrence	41 62	
		\$500 00
Total amount expended in Highway Dept.		\$29,856 65

June 1, we had expended \$13,455.54 of the road appropriation of \$15,000.00, as follows: \$8,211.50 for the removal of snow and \$5,244.04 for the regular spring work, and for certain necessary supplies, leaving a balance of only \$1,544.46 for the remaining several months of the year.

At a special meeting the town refused to appropriate money for road oil, and as the Superintendent of Streets and the Selectmen deemed it necessary to at least oil the main roads, we, to accommodate certain citizens of the town and to get some extra money for the Highway Department to use in the purchase of oil, undertook the construction of four private driveways. From the money received from the profits, we were able to purchase a car of oil, and to do other highway work, leaving a balance in the treasury of \$430.83.

The most important credits are as follows, which have been applied to the road appropriation.

10% on work done	\$1,241 75	
Use of truck	994 50	
Use of roller	472 46	
Use of town team	243 00	
Stone	60 00	
Miscellaneous	48 52	
		\$3,060 23

FARMERS' ROW ROAD

Received from County of Middlesex		\$27,209 23
Barrett Co., tar	\$405 60	
Pay Roll, Feb. 12	250 00	
Pay Roll, March 18	86 00	
Pay Roll, March 25	60 00	
Pay Roll, April 10	28 00	
Pay Roll, April 15	42 00	

Pay Roll, April 29	\$ 36 00
Pay Roll, May 13	30 00
Groton Water Co., water	227 75
Pay Roll, May 27	80 50
Pay Roll, June 3	284 81
Pay Roll, June 10	364 27
Pay Roll, June 17	82 25
Pay Roll, June 24	370 50
J. B. Raddin, stone	13 50
P. L. Donahue, insurance	994 10
Groton Garage & Repair, repairs and gasolene	858 15
Pay Roll, July 1	317 01
Pay Roll, July 8	376 28
Harry P. Tainter, supplies	5 35
Pay Roll, July 15	344 08
Pay Roll, July 22	327 08
Pay Roll, July 29	503 32
Arthur K. Green, cutting railing	112 06
Pay Roll, Aug. 5	602 44
Waldo Bros. & Bond, supplies	21 67
Pay Roll, Aug. 12	861 34
Pay Roll, Aug. 19	688 26
Buffalo Steam Roller	16 91
Pay Roll, Aug. 26	730 44
Pay Roll, Sept. 2	729 93
Geo. H. Pierce, money advanced for expense	45 75
William E. Wheeler, blacksmith	4 00
Pay Roll, Sept. 9	729 37
A. L. Thompson	35 00
Pay Roll, Sept. 16	816 42
Pay Roll, Sept. 23	990 76
Pay Roll, Sept. 30	534 22
Edward E. Iten, dynamite	69 11
Frank M. Blood, repairs	14 20
Thomas Bywater, blacksmith	9 00
Lois M. Wright, board of truck driver	99 00
Pay Roll, Oct. 7	865 80
Pay Roll, Oct. 14	589 04
Pay Roll, Oct. 22	467 97
Mrs. F. C. Bishop, room for truck driver	20 00
Pay Roll, Oct. 28	475 31
Pay Roll, Nov. 4	346 00

Pay Roll, Nov. 11	\$236 00
Nesbit L. Woods, stone	230 75
H. B. Flanders, repairs	9 85
E. O. Proctor, repairs	1 70
Groton School, coal	333 33
Pay Roll, Nov. 18	215 76
James F. Culver, gravel	438 90
Town of Weston, use of drill	24 50
Ingersoll Rand, use of drill	122 84
Hollingsworth & Vose, supplies	2 00
B. H. Tyrrell, gasoline	3 60
George H. Brown, supplies	4 00
Standard Oil Co.	4,656 55
William P. Wharton, stone	60 30
Boston & Maine R. R. Co.	747 64
F. L. Blood, (conservator) lumber	70 40
Howe Coal Co., trucking	674 60
Estate of Levi W. Phelps	33 00
Walter L. Prowse, trucking	294 65
James P. Fitch, sawing lumber	45 20
C. B. Coburn Co., gasoline	3 50
H. E. Fletcher Co., stone	1,046 20
E. A. Cowee Co., supplies	24 80
Pay Roll, Dec. 30	216 50
Sherman Monroe, damage to house	150 00
Massachusetts Broken Stone Co.	897 97
George E. Lawrence, labor	135 00
Auto Sales & Service Co.	150 26
Groton Repair & Supply	2 66
Ayer Hardware Co., supplies	15 10
New England Road Machine Co., supplies	188 40
Good Roads Machine Co., supplies	94 08
Shattuck's Store Co., supplies	138 64
	<hr/> \$27,209 23

The County of Middlesex furnished the money to complete Farmers' Row according to the agreement made with the Selectmen. The cost of work for 1920 is divided as follows:

Pay Rolls, labor and teams	\$13,677 86
Binding material	5,061 85
Stone	2,248 34
Freight	747 64

Tools	\$ 319 25
Gas, oil and supplies	1,056 02
Trucking	949 25
Railing	182 46
Insurance	994 10
Steam roller expense	625 99
Gravel	438 90
Board and room state truck driver	154 00
Explosives	69 11
Repairs	157 59
Drainage	33 00
Blasting	135 00
Blasting damage	150 00
Miscellaneous	209 07
	<hr/> \$27,209 23

GROTON TOWN ADVICE

Ayer Road

Following is unit cost as prepared by State and County Engineers

Length	14,200 feet
Area	30,500 square yards
Cost per 100 feet	\$ 759 09
Cost per mile	40,085 00
Cost per square yard of Bit. Mac.	1 91

Summary of Cost Per Unit		Total Cost of Work
Excavation, 7,300 cubic yards	@ \$1 61	\$11,765 04
Excavation ledge, 1,255 cubic yards	@ 5 65	7,094 91
Borrow (Gravel), 10,070 cubic yards	@ 2 14	21,555 50
Broken stone, 12,600 tons	@ 3 79	47,711 55
Bitumen applied, 5,320 gallons	@ 14	7,442 65
Bitumen applied, 10,500 gallons	@ 25	2,625 00
Catch basins, 5 each	@ 80 19	401 50
Clay pipe, 18 inches, 70 feet	@ 3 81	267 04
Clay pipe, 15 inches, 50 feet	@ 3 21	160 87
Clay pipe, 10 inches, 200 feet	@ 1 66	332 74
Culvert repairs and drains		585 55
Guard rail		1,978 52
Roller and tools (value)		5,868 50
		<hr/> \$107,789 37

NOTE:—These costs and quantities are estimated from the plans and the Town accounts so that while the total cost is correct the unit costs are approximate.

INVENTORY OF HIGHWAY DEPARTMENT

1/2 dozen stone forks	\$ 8 00
1 1/2 dozen round point shovels	27 00
1/2 dozen square point shovels	9 00
1 dozen picks	15 00
1-3 dozen push brooms	3 00
1 axe	1 50
8 scoop scrapers	80 00
2 gravel screens	10 00
2 iron rakes	3 50
2 wooden rakes	3 50
2 catch basin spoons	2 00
4 wheelbarrows (iron)	40 00
12 Lanterns	12 00
1 stone spreader	300 00
1 tool box	10 00
2 drag scrapers	50 00
3 road machines	500 00
1 water cart	300 00
1 auto car	800 00
1 steam roller	5,000 00
1 stone crusher, engine	3,000 00
1 pair horses	600 00
1 tip cart	125 00
3 harnesses	200 00
3 snow plows	150 00
1 oil wagon	400 00
1 street sweeper	75 00
1 sled	75 00
Hay	62 50
Metal culvert	100 00
Lumber	60 00
1 dozen grub hoes	15 00

\$12,036 50

Paugus Mill lot about 6 acres

150 00

\$12,186 50

Report of Overseers of the Poor

POOR

Appropriation		\$3,200 00
Credits		
Milk	\$2,164 51	
Cows	100 00	
Poultry	54 24	
Potatoes	46 00	
Board	119 00	
Moth Dept.	10 00	
		\$2,493 00
		\$5,693 75

City of Lowell, hospital charge	\$99 00
Groton Landmark	4 50
A. G. Kilbourn	271 00
N. E. Tel. & Tel. Co.	16 75
L. G. Strand	162 75
H. P. Barteaux, salary	233 29
George H. Blood, labor	28 28
Mrs. Arthur P. Blood, care	14 00
J. E. Adams, team	2 00
Henry A. Johnson, team	1 50
Horace W. Buckingham, auto hire	3 00
Robert E. Allen, supplies	15 65
Margaret A. Blodgett, supplies	40 00
Daniel Whalen, salary	233 32
Edward C. Page, burial	72 00
Shadrach Evans, labor	8 00
Amos D. Mahony, burial	8 00
Shattuck's Store Co., supplies	75 75
Fred C. Tuttle, labor	10 75
W. H. Bruce, supplies	1 25
Town of Groton Moth Dept.	6 50
Frederic Sherwin, labor	16 38
Bixby-Webber Co., supplies	876 50

J. Cushing Co., grain	\$335 65	
George E. Hodgman, provisions	277 69	
Shattuck's Store Co., supplies	303 55	
E. A. Cowee Co., grain	305 27	
Bixby-Webber Co., grain and groceries	1,287 92	
A. H. Torrey & Co., shoes	7 00	
J. Cushing Co., grain	207 35	
N. E. Tel. & Tel. Co., telephone	2 00	
Riverdale Farm, supplies	34 98	
Crockett & Moison, plumbing	147 70	
Andrew Jarvis, sawdust	5 00	
John Clark, supplies	25 50	
Commonwealth of Massachusetts Forestry Division	15 00	
Fred J. Beauleau, labor	1 60	
R. W. Barber, supplies	26 71	
George V. Babcock, labor	13 50	
Charles Worcester, labor	97 10	
Frederick Sherwin, labor	60 00	
Miley Soap Co., soap	28 00	
Daniel Whalen, salary	70 23	
William S. Woods, repairs	28 80	
Calvin Suprenant, labor	6 00	
Harry P. Tainter, supplies	206 41	
	<hr/>	
	\$5,692 10	
Balance	1 65	
	<hr/>	
		\$5,693 75

Bills Paid on Last Year's Account as Above

City of Lowell	\$99 00
Turner's Public Spirit	4 50
Dr. A. G. Kilbourn, medical services for several years	271 00
N. E. Tel. & Tel. Co.	2 10
L. G. Strand, blacksmith	162 75
H. P. Barteaux, back salary	174 96
Bixby-Webber Co., supplies	133 58
George E. Hodgman	31 41
Shattuck's Store Co., supplies	127 98
E. A. Cowee Co., grain	75 20
Bixby-Webber Co.	332 44
A. H. Torrey & Co.	7 00

George E. Hodgman	\$ 50 91	
George E. Hodgman	15 65	
J. Cushing Co., grain	310 45	
Margaret Blodgett	40 00	
Massachusetts Forestry Dept.	15 00	
George E. Hodgman	17 29	
George E. Hodgman	8 40	
George E. Hodgman	21 72	
	<hr/>	\$1,901 34

SUPERINTENDENT OF TOWN FARM ACCOUNT

Receipts

Eggs	\$ 5 90	
Care of Cows	10 00	
Fowl	38 61	
Fowl	17 50	
Ducks	28 00	
1 month's milk	194 56	
Milk	6 40	
Service of bull	20 00	
Calves, bags and miscellaneous	63 06	
	<hr/>	\$384 03

Expenditures

Mrs. Herbert Bosquet, cleaning	\$14 35
Shattuck's Store Co., supplies	20 62
H. P. Tainter, supplies	12 20
E. A. Cowee Co., grain	51 40
Bixby-Webber Co., supplies	25 16
Fred Beauleau, fish	2 49
L. E. Miner, dry goods	7 88
W. White, washing	62 60
Richard Kezar, labor	13 00
John Biardi, labor	27 50
Charles Worcester, labor	29 78
Frederick Sherwin	85 25
Miscellaneous small accounts	9 18

	\$ 361 41	
Balance in hands of Superintendent	22 62	
	<hr/>	\$384 03

Total paid on poor account	\$6,053 51	
Deficit	223 50	
	<hr/>	\$6,277 01
Receipts paid to Treasurer	\$2,493 75	
Receipts by Supt.	384 03	
	<hr/>	\$2,877 78
Cash in hands of Superintendent	\$22 62	
Cash in hands of Treasurer	1 65	
	<hr/>	\$ 24 27

BILLS UNPAID AND OUTSTANDING AT TIME OF CLOSING BOOKS

George H. Blood, plumbing	\$23 87	
Daniel Whalen, salary and cash paid	298 47	
N. E. Tel. & Tel. Co., telephone	1 80	
Harry P. Tainter, groceries	13 48	
James P. Fitch, pasture	12 00	
Groton Auto Repair Co., (batteries)	2 70	
Crockett & Moison, plumbing	23 60	
Harry P. Tainter, groceries	7 17	
L. G. Strand, blacksmith	20 30	
Milk Producers' Union	6 46	
Edward C. Page, curtains	16 55	
George E. Hodgman, meat	83 00	
J. Howard Thompson	2 00	
Shattuck's Store Co., supplies	23 85	
Bixby-Webber Co., supplies	293 77	
	<hr/>	\$ 829 04

BILLS PAYABLE FOR THE SAME PERIOD

Town of Shirley, board	\$200 00	
Balance of board	50 00	
Town of Groton, hay	62 50	
December milk checks	213 42	
Due from board	57 00	
Cash in hands of Superintendent	22 62	
	<hr/>	\$ 605 54
Deficit		\$ 223 50

There is also an outstanding account with L. G. Strand for blacksmith work to be adjusted.

INMATES

During year	6
Whole year	2
2½ months	1
4 months	4
3 months	2

Of these, one pays board of \$12.00 a week; three, small amount.

The cost to the town of running the poor department is the amount of the appropriation \$3,200.00, plus the deficit \$223.50, a total of \$3,423.50.

The present superintendent has expended of this amount the sum of \$1,332.08, plus the deficit for eight months running. During the year the outside poor account amounted to \$441.00, and is included in this account.

FRANK A. TORREY,
GEORGE T. STEVENS,
AMOS L. AMES,
Overseers of Poor.

Inventory of Town Farm

JANUARY 4, 1921

Live Stock

3 Horses	\$450 00	
11 Cows	1,375 00	
1 Bull, registered	150 00	
18 Fowl	30 00	
52 Pullets	145 00	
1 Heifer	50 00	
		<hr/>
		\$2,200 00

Tools

1 Set harness, double	\$25 00
1 Set harness	20 00
1 One-horse wagon	25 00
1 Two-horse wagon	45 00
1 Democrat wagon	10 00
1 Sled	10 00
2 Pungs	60 00
1 Mowing machine	25 00
1 Rake	22 00
1 Tedder	10 00
1 Cart	85 00
1 Farm roller	10 00
1 Corn planter	10 00
1 Harrow	17 00
1 Sulky plow	65 00
1 Plow	10 00
2 Cultivators	8 00
Wheelbarrow	6 00
Disk harrow	37 50
1 North American seeder	40 00
2 Incubators	28 00
1 Manure spreader	40 00
1 Milk cooler	6 00
8 Brooders	35 00

1 Buggy	\$ 5 00	
1 Gas engine and cutter	325 00	
1 Gas engine and pump	145 00	
Small Tools	10 00	
Wood sawing outfit	40 00	
1 Corn harvester	75 00	
	<hr/>	\$1,249 50

Supplies

25 Bushels corn on ear	\$20 00	
36 Tons English hay	900 00	
35 Tons ensilage	350 00	
20 lbs Beef scraps	1 00	
32 Dozen eggs in water glass	24 00	
Spices	5 00	
Vinegar	50	
20 Quarts preserved fruit	12 50	
20 Tons coal	320 00	
10 Cords wood	110 00	
Vegetables	5 00	
65 Bushels potatoes	113 75	
5 Gallons kerosene oil	1 20	
Soap (3-4 bbl liquid soap)	20 00	
10 lbs Flour	80	
4 Tons oat fodder	60 00	
4 Bags bran	9 40	
4 Bags meal	8 80	
3 Bushels seed corn	7 50	
1 Bag scratch feed	2 90	
4 Bags oats	6 20	
200 lbs Cottonseed	5 00	
100 lbs Gluten	3 10	
1 Bbl Apples	3 00	
5 Bushels beans	21 00	
25 Posts	5 00	
14 Poles	42 00	
Fertilizer	50 00	
Sawdust	10 00	
	<hr/>	\$2,117 65
Furniture and bedding		400 00
		<hr/>
Total appraised		\$5,967 15

Dr. Samuel A. Green Fund

Interest		\$1,200 00
Case No. 1—Paid Clara L. Hutchinson for board	\$120 00	
Case No. 2—Paid Dr. A. G. Kilbourn, medical attendance and hospital board	250 00	
Case No. 3—Paid Dr. A. G. Kilbourn for medical attendance and hospital board	300 00	
Cases No. 2 and 3—Burbank hospital	30 00	
Unexpended balance	500 00	
		<hr/> \$1,200 00

Following the wishes of Dr. Green as expressed in his will, all money has been expended for aid of worthy women, one widow and two spinsters.

Case No. 3. A spinster who was at the Town Farm until conditions became such that it was impossible to give her proper care.

An X-ray examination showed a broken hip, and she was removed to the hospital for expert care.

Case No. 2. A spinster removed from a private house to Kilbourn hospital. X-ray examination showed broken hip.

Case No. 1. Aged widow contributed to her care in private home.

At time of making this report, none of the patients were able to be removed to the Town Farm.

FRANK A. TORREY,
GEORGE T. STEVENS,
AMOS L. AMES,

Overseers of the Poor.

Assessors' Report

Number of residents assessed on property	693
Number of all others	48
	<hr/> 741
Number of non-residents assessed	101
All others	25
	<hr/> 126
For poll only	203
	<hr/>
Total assessed	1070
Number of male polls	686
Number cows	514
Number horses	360
Number swine	140
Number fowl	2920
Number sheep	27
Number neat cattle	218
Number houses	588
Acres land	20,332
Valuation—Personal	\$ 909,621 00
Real estate	2,281,029 00
	<hr/>
Total	\$3,190,650 00
December assessment, personal	3,150 00
December assessment, real	1,610 00
	<hr/>
Total valuation	\$3,195,410 00
Tax rate	\$28 40

Every person pays \$28.40 for each \$1,000.00 of property he is assessed for; it is approximately used as follows:

Schools	\$ 8 60
School notes	59
Highway Dept.	3 55
Road notes	3 55
Electricity	2 73

Library	\$ 36	
Fire protection	96	
Town officials	24	
Salary Selectmen	18	
District nurse	29	
Band concerts	12	
Board of health	10	
Memorial Day	3	
Police	34	
Treasurer's salary	6	
Parks	3	
Insurance	3	
Halls	22	
Repairs Squannacook Hall	9	
Poor support	75	
Audit	7	
Incidentals	20	
State and County tax	3 18	
Interest	1 32	
Moth Dept.	34	
Chairs for Hall	6	
Middlesex Farm Bureau	6	
Sidewalks	12	
Ice for fountains, fountains, old cemetery, Baptist clock, etc.	23	
		\$28 40

FRANK A. TORREY,
GEORGE T. STEVENS,
AMOS L. AMES,

Assessors.

Notes Outstanding

ANTICIPATION OF REVENUE

Interest 6 Percent

Loan due March 2, 1921	\$25,000 00
------------------------	-------------

WEST GROTON SCHOOLHOUSE

4 Percent

Note due May 14, 1921	\$1,000 00
Note due May 14, 1922	1,000 00
Note due May 14, 1923	1,000 00
Note due May 14, 1924	1,000 00
Note due May 14, 1925	1,000 00
Note due May 14, 1926	1,000 00

GRADE SCHOOL

4 Percent

Note due November 27, 1921	\$1,500 00
Note due November 27, 1922	1,500 00
Note due November 27, 1923	1,000 00
Note due November 27, 1924	1,000 00
Note due November 27, 1925	1,000 00
Note due November 27, 1926	1,000 00
Note due November 27, 1927	1,000 00
Note due November 27, 1928	1,000 00
Note due November 27, 1929	1,000 00
Note due November 27, 1930	1,000 00
Note due November 27, 1931	1,000 00
Note due November 27, 1932	1,000 00
Note due Nvoember 27, 1933	1,000 00

HIGHWAY LOAN

5 Percent

Note due November 29, 1921	\$15,000 00
Note due November 29, 1922	15,000 00
Note due November 29, 1923	15,000 00

FRANK A. TORREY,
GEORGE T. STEVENS,
AMOS L. AMES,

Selectmen of Groton.

Financial Condition 1919

Balance in hands of Treasurer	\$7,052 51	
Cemetery	274 40	
Depreciation	2,782 54	
Due from Tax Collector	17,641 81	
	<hr/>	\$27,751 26
Outstanding loans	\$21,000 00	
Estimated bills	1,000 00	
	<hr/>	\$22,000 00
Balance		<hr/> \$5,751 26

Present Financial Condition

Balance in hands of Treasurer	\$3,568 66	
Cemetery fund	286 16	
Due from Tax Collector	32,788 90	
	<hr/>	\$36,643 72
Outstanding loans	\$25,000 00	
Estimated bills	1,000 00	
	<hr/>	\$26,000 00
Balance		<hr/> \$10,643 72

FRANK A. TORREY,
GEORGE T. STEVENS,
AMOS L. AMES,
Selectmen of Groton.

Treasurer's Report

RECEIPTS

Cash on hand January 1, 1920	\$ 7,052 08
Borrowed on town notes	95,000 00
Received from State Treasurer:	
Income tax	25,861 12
Corporation tax	4,022 29
National bank tax	305 48
Street railway tax	67 30
Vocational education fund	5 00
Income tax school account	3,141 58
State aid	660 00
Soldiers' exemption	17 04
State forester account	626 67

TAXES

Received from M. P. Swallow, collector:	
1917 tax and interest	778 11
1918 tax and interest	3,780 12
1919 tax and interest	6,579 07
1920 tax and interest	67,138 73

INTEREST ON DEPOSITS

Received from First National Bank of Ayer	284 57
---	--------

MISCELLANEOUS

Received from town farm account	2,493 75
Received from electric light account	13,898 45
Received from school account	171 61
Received from weighing fees	97 84
Received from moth account	2,002 01
Received from park commission	25 00
Received from road account	15,065 38
Received from B. & M. R. R., damage from grass fires	54 95
Received from police account	8 00
Received from sealing fees	28 71
Received account of Town Farm order not paid in 1919	425 97

Received cash from treasurer for error in tax receipts	\$151 94
Received cash from library account to balance orders paid from town account	138 53
Received rent of postoffice room	250 00
Received rent of town hall	515 40
Received rent of Squannacook hall	172 28
Received cash from licenses	247 00
Cash to balance	29 27
	<hr/> \$251,095 95

EXPENDITURES

Paid notes and interest	\$115,118 80
State tax	8,540 00
State tax, special	402 60
Repairs on state highway	303 00
On account municipal lighting plant	5 69
Civilian war poll tax	2,058 00
Certification fees	12 00
County tax	3,741 86
Orders of selectmen	22,407 69
Orders of school committee	34,057 38
Orders road account	29,635 15
Orders sidewalk account	500 00
Orders of electric light commission	26,972 40
Orders of park commission	125 00
State aid	626 00
Depreciation electric light account	1,105 16
On public library account	138 53
Cash on hand, January 12, 1921	3,568 66
Public library account, appropriation and balances	1,778 03
	<hr/> \$251,095 95

Amount of cemetery fund, January 1, 1921	\$286 16
--	----------

NEW ROAD ACCOUNT

Balance on hand January 1, 1920	\$ 29 14
Received of county treasurer	27,134 31
Received from George Pierce	45 78
	<hr/> \$27,209 23
Amount of orders paid	\$27,209 23

PUBLIC LIBRARY ACCOUNT

The library account has been kept by itself this year and appears below.

Amount of appropriation for 1920	\$1,550 00	
Amount of balance from 1919	228 03	
Amount of income for 1920	806 26	
	<hr/>	\$2,584 29
Balance on purchase of liberty bonds transferred to savings bank	\$ 46 25	
Orders paid	2,480 05	
	<hr/>	\$2,526 30
		<hr/>
Balance on hand January 1, 1921		\$57 99

ELECTRIC LIGHT COMMISSION

Depreciation Account

Amount on hand January 1, 1920	\$2,782 54	
Amount of depreciation for 1920	1,105 16	
Interest on deposits	44 67	
	<hr/>	\$3,932 37
Order No. 447	\$2,000 00	
Order No. 448	1,567 63	
	<hr/>	\$3,567 63
		<hr/>
Balance on hand January 1, 1921		\$364 74

DR. SAMUEL A. GREEN FUND

Amount of legacy		\$15,000 00
Interest on hand January 1, 1920	\$441 67	
1 year's interest on bonds	600 00	
Interest from M. Sheedy	158 33	
Interest on deposits	10 52	
	<hr/>	\$1,210 52
Order No. 1, Clara Hutchins (Mrs. Davis)	\$120 00	
Order No. 2, Dr. A. G. Kilbourn	250 00	
Order No. 3, Dr. A. G. Kilbourn	300 00	
Order No. 4, Burbank hospital	30 00	
	<hr/>	\$700 00
		<hr/>
Balance on hand January 1, 1921		\$510 52

GRANT W. SHATTUCK,

Treasurer.

Report of Tax Collector

	1917	
Collected tax and interest		\$778 11
Paid treasurer		\$778 11
	1918	
Collected tax	\$3,402 84	
Collected interest	377 28	
	<hr/>	\$3,780 12
Paid treasurer		\$3,780 12
Uncollected		\$378 19
	1919	
Collected tax	\$6,348 82	
Collected interest	230 25	
	<hr/>	\$6,579 07
Paid treasurer		\$6,579 07
Uncollected		\$6,445 12
	1920	
Warrant	\$94,044 46	
Interest collected	59 86	
	<hr/>	\$94,104 32
Paid treasurer		\$67,138 73
Uncollected		\$26,965 59

WEST GROTON WATER TAX

	1918	
Collected tax and interest		\$4 14
Paid G. H. Bixby, treasurer		\$4 14
	1919	
Collected tax and interest		\$19 93
Paid G. H. Bixby, treasurer		\$19 93
	1920	
Total tax		\$918 45
Collected and paid treasurer		\$861 27
Uncollected		\$ 57 18

MYRON P. SWALLOW,
Collector.

Report of Police Department

To the Honorable Board of Selectmen:

I hereby submit my annual report for year ending December 31, 1920.

The following arrests were made:

Assault with dangerous weapon	1
Assault and battery	5
Larceny	4
Adultery	2
Runaway	2
Violation auto law	7
Breaking and entering	1
Trespassing	1
Drunkenness	2
Violation of apple law	1
Violation of milk law	1
Vagrancy	6

Amounts collected for licenses:

8 Junk licenses at \$25.00	\$200 00
1 Auto dealer's license	25 00
2 Victualler's license	10 00
1 Fruit license	8 00
1 Dry goods license	8 00
All other licenses	6 00

I take this opportunity to thank the Honorable Board of Selectmen for their co-operation in the enforcement of the law.

Respectfully submitted,

BARTHOLOMEW J. DOWLING,
Chief of Police.

Report of Treasurer of Trustees of the Dalrymple Fund

FUND ACCOUNT

\$1,450.00 U. S. Liberty Bonds, 3rd 4¼ %	
\$1,150.00 U. S. Liberty Bonds, 4th 4¼ %	\$2,498 03
Cash in bank	1 97
	<hr/>
	\$2,500 00

INCOME ACCOUNT

Debit

To cash on hand	\$296 86
Income from Liberty Bonds	83 96
	<hr/>
	\$380 82

Credit

By orders paid for:	
Clifford Folkins	\$ 8 40
C. H. Berry	17 50
Mrs. S. E. Stone	11 29
Charles Worcester	7 00
Miss S. M. Farnham	9 50
Mrs. Henry Shattuck	11 38
Solon Dodge	15 00
Newton Carkins	14 00
Mrs. Wm. B. Gale	11 55
Mrs. Abram Miller	18 90
Mrs. Abram Miller	5 00
Mrs. Charles H. Berry	13 70
Mrs. A. M. Carkins	12 55
Miss Effie Carkins	12 55
Arthur Carkins	10 45
Mrs. Sarah Carkins	17 01
Katie Perrin	99 80
Mrs. H. H. Frazee	7 50
Marie Frazee	7 00
	<hr/>
	\$310 08

CARL A. P. LAWRENCE,
Treasurer.

Groton, Jan. 3rd, 1921.

Report of Tree Warden and Local Moth Superintendent

A few changes have been made in the outline of the moth work under supervision of the new State Forester, Mr. Wm. A. L. Bazeley. Much more time has been given to the creosoting and spraying than in previous years, and although some brush has been cut, from now on the brush-cutting will be abolished unless financed by some other department, as Mr. Bazeley does not consider it to be moth work.

Strict attention has been given the brown-tail webs as the infestation is gaining ground in surrounding towns. Property owners are requested to give their trees and shrubs a careful investigation.

Over \$2,200.00 has been turned in to the Town Treasurer from moth work, including spraying, trimming, etc., for private owners.

The department has been equipped with fire extinguishers, which are a safeguard in our line of work. We have also had the opportunity to use them in putting out a number of fires on our way to and from work, which would have called out the fire department if we had not been so equipped.

The money appropriated for the Tree Department has been used as economically as possible.

We sprayed for the elm beetle in due season with good results.

Several large dead trees have been cut down and many dangerous limbs removed, much of this work having been caused by storms of the season.

Respectfully submitted,

SHADRACH EVANS.

Report of Demonstration Work in Agriculture and Home Economics in Groton

FOR THE YEAR ENDING DECEMBER 31, 1920

An appropriation of \$250 was made at the Annual Town Meeting for demonstration work under the direction of the Middlesex County Bureau of Agriculture and Home Economics. Stephen W. Sabine was appointed director.

Following is a report of the work done by this organization in the town:

Agents of the Bureau have made 78 farm and home visits during the year.

The County Agricultural Agent conducted three field fertilizer tests, a poultry culling demonstration with an attendance of 51, and a dairy barn meeting with an attendance of 28. He also spoke at four general meetings.

The Horticultural Agent conducted a two-day apple extension school in January with a total attendance of 122. One pruning demonstration was given with an attendance of 21, and a grafting demonstration with an attendance of 20. Assistance was given three fruit growers in building apple storages.

The Home Demonstration Agent conducted a two-day extension school for women with a total attendance of 81. She also judged at the Groton fair.

The Club Agents of the Bureau spoke at 12 meetings of boys and girls. Following is the enrollment of the various clubs.

Home Economics	27
Canning	17
Garden	9

Miss Ruth Russell was employed as canning leader of the West Groton club. Three clubs won State banners for making a 100 per cent finish. Rosamond Cross won a two-day trip to the State College for high-grade work in gardening and bread making. A sectional field day was held at which 150 boys and girls were present. The County Club Agent was in charge of the Junior Department of the Groton fair at the request of the fair officials, and 125 boys and girls exhibited.

STEPHEN W. SABINE,
Director for Groton.

Report of the Engineers of the Fire Department

Report of the Board of Engineers for year ending December 31, 1920.

The department responded to fires as follows:

January 26, 1920, 11.55 a. m. The alarm sounded for fire in the house of Mrs. Samuel Blodgett, which proved to be a chimney fire with no damage.

June 25, 1920, 10.20 a. m. The alarm sounded for fire in the house of Stephen W. Sabine. The fire was soon extinguished with some damage to roof and ceilings.

October 24, 1920, 7 a. m. The alarm sounded for fire in the house of Herbert Eldridge in Dunstable. Buildings were totally destroyed.

November 11, 1920, 12.30 a. m. Alarm sounded for fire in storage shed of Hollingsworth & Vose Co. Shed and contents totally destroyed.

M. F. McGOWAN,
M. J. CLEARY,
A. A. WOOD,
Engineers.

Report of Trustees of Free Public Lecture Fund

FOR YEAR ENDING DECEMBER 31, 1920

RECEIPTS

Interest from mortgage note (Blood Fund)	\$220 00	
Interest from Liberty bonds (Bigelow Fund)	212 50	
Cash on hand January 1, 1920	361 07	
		<hr/>
		\$793 57

EXPENDITURES

For lectures	\$539 00	
Transportation	10 75	
		<hr/>
		\$549 75
		<hr/>
Cash on hand January 1, 1921		\$243 82

Respectfully submitted,

FRANK M. BLOOD,
ANDREW J. BLOOD,
FRANK LAWRENCE BLOOD,

Trustees.

Report of Sealer of Weights and Measures

To the Honorable Board of Selectmen:

I herewith submit the following report for the year of 1920:

I have sealed the town scales once and tested them at different times.

	Sealed
Platform scales over 5,000 lbs.	10
Platform scales under 5,000 lbs.	17
Counter	10
Spring	9
Computing	3
Avoirdupois weights	146
Liquid measures	31
Pumps	10
Condemned	2
Adjusted	15

Respectfully submitted,

ROY A. CUNNINGHAM.

Report of Park Commissioners

REPORT OF PARK COMMISSIONERS OF GROTON FOR THE YEAR 1920

Appropriation	\$100 00	
Received for hay and apples	25 00	
		\$125 00
E. Dexter Howe for labor	\$12 00	
C. B. Shattuck for labor	22 00	
C. B. Shattuck	40 20	
W. H. Bruce	12 15	
H. P. Tainter	12 85	
E. Dexter Howe	25 80	
		\$125 00

CHARLES B. SHATTUCK,
SHADRACH EVANS,
E. DEXTER HOWE,
Park Commissioners.

Groton, Mass., January 1, 1921.

Auditors' Report

We, the auditors of the Town of Groton, hereby certify that we have examined the accounts and vouchers of the Selectmen, Treasurer, Electric Light Commissioners, Tax Collector, Trustees and Librarian of the Public Library, Park Commissioners and School Committee and find them correct.

We compared the Cash Account of the Town Treasurer as of January 1st, 1921, with the bank statement of the First National Bank of Ayer of even date and found them to agree.

We examined the Securities belonging to the Town in the vaults of the First National Bank of Ayer and they are as follows:

\$ 1,000.00 Detroit Edison Co. 5s, 1933, No. 7803.
1,000.00 Chicago Rys. Co. 5s, 1927, No. 6800.
1,000.00 United Electric Securities 5s, 1937, No. X426.
500.00 Union Pacific Rys. 4s, 1927, No. 25187.
1,000.00 Montreal Tramways 5s, 1941, No. M11975.
1,000.00 Pacific Coast Powers 5s, 1940, No. 1970.
15,000.00 Fitchburg Railroad 4s, 1927, No. B2508-9, No. B1720,
B1103, B1681-2, B85, B884, B1527-28-29-30-31-
32-33.
5,000.00 U. S. Govt. 4 $\frac{1}{4}$ s, 1927-42, registered No. 6040, 2nd
loan.
5,900.00 U. S. Govt. 4 $\frac{1}{4}$ s, 1933-38, registered, 4th loan.
viz.: \$5,000.00 No. 21885.
500.00 No. 258822.
100.00 No. 1295920.
100.00 No. 1295921.
100.00 No. 1295922.
100.00 No. 1295923.

We found the following Pass Books on North Middlesex Savings Bank:

No. 11710 Account Cemetery Fund	\$286 16
No. 11324 Account Library Fund Principal	86 32

We noted the omission of the September dividend on U. S. Govt. 4 $\frac{1}{4}$ s favor Library Fund, but understand that a check for this was in the hands of Mr. Frank Lawrence Blood.

Respectfully submitted,

ALMON L. CALL,
G. CEDRIC MOISON,

January 11, 1921.

Auditors.

Recommendations for Appropriations for the Year 1921

SCHOOLS

Maintenance of public schools, unexpended balance, and	\$38,750 00
--	-------------

ELECTRIC LIGHT DEPARTMENT

Depreciation, 3 percent of cost	\$1,526 37
For municipal buildings	600 00
For lighting the streets	2,000 00
New business	1,000 00
Work commenced	4,000 00
Supplies and changes	2,000 00
House connections	2,000 00

PUBLIC LIBRARY

Dog tax and	\$1,750 00
West Groton	250 00
For town diary	100 00

ROADS AND BRIDGES

General expenses, unexpended balance and	\$10,500 00
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FIRE DEPARTMENT

Maintenance, unexpended balance and	\$1,700 00
Forest fires	300 00
Hydrant service:	
Groton	1,250 00
West Groton	575 00

MISCELLANEOUS

Town incidentals	\$1,000 00
Support of poor	2,000 00
For district nurse	1,200 00
Ice for drinking fountains	50 00
Band concerts	400 00
Salary of selectmen	750 00

Board of health	300 00
Memorial Day	100 00
Water for fountains, Groton and West Groton	100 00
Care of old burying ground for 1921	40 00
Care of clock on Baptist church	25 00
Tree warden	275 00
Police department	1,400 00
New schoolhouse notes	2,500 00
Salary of treasurer	250 00
Use of park commissioners, revenue of playground and	300 00
Interest on notes	4,500 00
Premiums on insurance policies	500 00
Town officials	1,300 00
Town note (road)	15,000 00
Town hall, revenue and	800 00
Re-appropriation of \$250 for the purchase of chairs, and raised in 1920.	
Squannacook hall and new chairs, revenue and	300 00
Moth department	1,200 00
Middlesex County Bureau of Agriculture and Home Economics	300 00
	<hr/>
	\$102,991 37

FRANK LAWRENCE BLOOD,
GEORGE S. KNAPP,
WILLIAM H. WHITEHILL,
ASA H. THOMPSON,
HARRY P. TAINTER,
Appropriation Committee.

TOWN WARRANT

Commonwealth of Massachusetts,
Middlesex, ss.

To any Constable of the Town of Groton,

Greeting:

In the name of the Commonwealth aforesaid, you are hereby required to notify and warn the inhabitants of said Town, qualified by law to vote in town affairs, to assemble in the Town Hall, in said Town, on Monday, the seventh day of February next, at seven o'clock in the forenoon, to give in their ballots for a Town Clerk, one Selectman for three years, one Overseer of the Poor for three years, one Assessor for three years, Treasurer, two members of School Committee for three years each, two Auditors, one member of the Board of Health for three years, two Trustees of the Public Library for three years each, Collector of Taxes, and three Constables, one Park Commissioner for three years, one Electric Light Commissioner for three years, one Tree Warden, three Commissioners of Trust Funds, one for one year, one for two years and one for three years, five members of the Appropriation Committee for one year; also, to vote "Yes" or "No" on the question, "Shall Licenses be granted for the sale of certain non-intoxicating beverages in this Town?" The polls will be opened at seven o'clock A. M. and may be closed at one o'clock P. M.

Also, to act on the following articles:

Article 1. To choose a Moderator.

Art. 2. To hear and act upon the report of the Selectmen and other town officers.

(Selectmen)

Art. 3. To choose all town officers not required by law to be chosen by ballot.

(Selectmen)

Art. 4. To raise and appropriate such sums of money as may be necessary to defray the expenses of the Town for the ensuing year, and act on the recommendations of the Appropriation Committee.

(Selectmen)

Art. 5. To see what method the Town will adopt for the collection of taxes.

(Selectmen)

Art. 6. To see what compensation the Town will allow the Engineers, Forest Firewards and Enginemen for the ensuing year.

(Selectmen)

Art. 7. To see if the Town will authorize the Town Treasurer, subject to the approval of the Selectmen, to borrow such sums of money in anticipation of revenue for the year 1921 as may be necessary for current expenses.

(Selectmen)

Art. 8. To see if the Town will vote to raise and appropriate the sum of \$1,000.00 for the purpose of erecting a suitable memorial or tablet to have inscribed thereon the names of each and every Groton resident who served in the army, navy and merchant marine during the late war, and thus carry out the vote of the Special Town Meeting held in August, 1919.

(Richard M. Shaw and others)

Art. 9. To see if the Town will vote to raise and appropriate the sum of four hundred dollars (\$400.00) to build a sidewalk on the East side of Willowdale street from Palmer's block to the driveway of William Clark, let it go as far as it will.

(Carrie Z. Ames and others)

Art. 10. To see if the Town will vote to instruct the Selectmen to recompense the Groton Farmers' and Mechanics' Club, Inc., the money paid by them for repairing Hazel Grove Road, so-called, September, 1920, or act in relation to the same.

(Fred Carpenter and others)

Art. 11. To see if the Town will raise and appropriate the sum of eight hundred dollars (\$800.00) to purchase a truck suitable for the use of the Electric Light Department.

(Electric Light Commission)

Art. 12. To see if the Town will vote to authorize the Groton Historical Society to remove the Prescott tablet from the Prescott Common to the site of the old Prescott homestead.

(Groton Historical Society)

Art. 13. To see if the Town will vote to raise and appropriate the sum of three hundred dollars (\$300.00) or some other amount, and elect a director for demonstration work in agriculture and home economics, the money to be expended by, and the director to serve in co-operation with the County Trustees for Aid to Agriculture of the Middlesex County Bureau of Agriculture and Home Economics, under the provisions of Chapter 273, General Acts of 1918; it being understood that one hundred dollars (\$100.00) of this amount shall be used to provide local paid supervision of boys' and girls' club work.

(Recommended by the Appropriation Committee).

And you will serve this Warrant by posting a true and attested copy of the same at the Post Office at Groton, also at the Post Office in West Groton, eight days at least before the time of said meeting.

Hereof fail not and make return of your doings to the Town Clerk on or before the time of said meeting.

Given under our hands this twelfth day of January in the year of our Lord one thousand nine hundred and twenty-one.

FRANK A. TORREY,
GEORGE T. STEVENS,
AMOS L. AMES,

Selectmen.

TWELFTH
ANNUAL REPORT
OF THE
Groton Electric Light Commission



Groton, Massachusetts, December 31, 1920

Electric Light Commission

FRED CARPENTER

Term expires 1921

H. K. RICHARDS

Term expires 1922

CHARLES J. WRIGHT

Term expires 1923

ORGANIZATION

H. K. Richards

Chairman and Manager

Fred Carpenter

Secretary

Charles J. Wright

Clerk

Walter H. Dodge

Superintendent

Report of the Board of Electric Light Commissioners

The Board of Electric Light Commissioners respectfully submit their annual report for the year ending December 31, 1920:

The year 1920 has not been a favorable year for carrying on the work because of the prices of material and labor being very much higher than any year heretofore, and we have found that our estimates for construction and maintenance and the amount of money appropriated were wholly inadequate for the amount of work laid out for us by the Town and which has come to us from individuals, but we have endeavored to make the best of the conditions and so used the appropriations made for the year to the best advantage in our estimation for the benefit of the Town and have not only drawn on depreciation to the extent that the Town authorized, but have exceeded that by a considerable amount only leaving a small amount in the depreciation account.

The commercial line in the paper mill district is completed and the extension to the Ayer line which was ordered by the Town is all completed except the placing of the street light fixtures which we have been unable up to the present time to procure from the manufacturers.

On the West Groton extension from the Hollingsworth & Vose Paper Mill to Kemp's Corner, the poles have been set in place and the wire is being strung at the present time.

The Boston Road line is as reported in 1919, and the Commission are awaiting the completion of said road before commencing operations there. This will probably be ready to commence on by the spring of 1921.

We have extended a line of seven poles to the mill of James Fitch to convey power to his mill for a 50 H. P. motor. This seemed to be a profitable investment for the Town, paying good interest on the amount expended for the extension.

During the year we have had exceedingly large demands for house connections for light and power and have made approximately 70 new connections.

For the trunk line we are now having the poles finished to put in place and have purchased all the wire and other essential materials as well as the rights of way through private property and are now preparing for its erection.

The new switchboard that was necessary to handle our increasing load has been purchased and is at the sub-station.

The demand for light and power has increased very rapidly this last year so that now we have approximately 1075 poles, 100 miles of wire, 255 street lights and 315 light and power connections.

The necessary transformers and meters to conduct this portion of the business have been purchased and put in place, and for the information of the tax payers we give the increase for five year intervals commencing from the original layout of 1909:

1909

139 Poles	
38 Miles of Wire—20,328 lbs.	
184 Street Lights.	
3 House Connections.	
Total Cost of Plant	\$17,860 00

1915

812 Poles.	
63 Miles of Wire—33,629 lbs.	
222 Street Lights.	
111 House Connections.	
Total Cost of Plant	\$24,225 34

1920

1075 Poles.	
100 Miles of Wire—53,500 lbs.	
255 Street Lights.	
315 House Connections.	
Total Cost of Plant	\$50,879 22

The cost of operating the plant for the successive years named here is as follows:

1909	\$ 818 87	1915	\$ 6,241 60
1910	1,484 45	1916	6,688 30
1911	2,997 27	1917	8,544 53
1912	3,388 50	1918	9,609 59
1913	5,136 78	1919	11,654 21
1914	5,684 55	1920	12,072 69

We have a connected load of 275 H. P. in motors and have a connected load of 125 K. W. in cooking and heating devices.

We still continue the practice from time to time of selling a half interest in poles in different locations to the New England Tel. & Tel. Company, and have been obliged to purchase from them a few poles, but this account cannot be made up just at present, so that the amount due us from the Telephone Company we are unable to give exactly.

Our contract for supplying power to the water company at their pumping station for the first five years expired in July, 1920. We have submitted a new contract for the ensuing five years from the above date, but this has not yet been signed up. We expect to shortly.

Our requests for appropriations for the ensuing year are as follows:

MUNICIPAL LIGHTING

Income from sales	— ? —
Depreciation—3% on cost	1,526 37
Municipal buildings	600 00
Street lighting	2,000 00
	<hr/>
	\$4,126 37

CONSTRUCTION

New Business	\$1,000 00
Work commenced	4,000 00
Supplies and changes	2,000 00
House connections	2,000 00
	<hr/>
	\$9,000 00

H. K. RICHARDS,
FRED CARPENTER,
CHARLES J. WRIGHT,
Commissioners.

MAINTENANCE ACCOUNT

Balance, January 1, 1920		\$9 19
Appropriation February 4, 1920 for municipal buildings	\$ 447 00	
Appropriation February 4, 1920 for street lighting	1,800 00	
New England Tel. & Tel. Co.	166 93	
Hollingsworth & Vose Co.	27 50	
Phillips Barry line	150 00	
John H. Storer's line	136 62	
		\$2,728 05
Amount collected for current lighting:		
January	\$1,065 84	
March	888 43	
May	855 67	
July	914 39	
September	1,318 88	
November	1,049 10	
		\$6,092 31
Amount collected for power:		
January	\$455 97	
March	580 94	
May	739 84	
July	574 19	
September	460 75	
November	493 41	
		\$3,305 10
Town of Shirley, current for one street light		12 00
Town of Shirley, sale of lamps		3 10
		\$12,149 75

CASH PAID

Returned to town treasurer	\$ 9 19
Ayer Electric Light Co., current for 12 months	5,870 46
New England Tel. & Tel. Co.	97 75
W. H. Dodge, salary for 12 months	2,400 00
T. F. Donahue, Jr., postmaster, envelopes and box rent	41 45
W. M. Sargent, printing	21 14
The News Publishing Co., printing	46 00

Hobbs & Warren, letter files and account books	\$ 5 57
Shattuck's Store Co., supplies	32 72
Globe Gas Light Co., supplies	5 35
W. H. Dodge, cash paid for supplies	197 24
George D. Wetherill Co., supplies	20 10
General Electric Co., supplies	59 15
Pettingell-Andrews Co., supplies	10 79
Wetmore-Savage Co., supplies	143 81
Western Electric Co., supplies	268 46
Fred W. Coburn, supplies	9 85
T. Bywater, repairs	5 91
H. B. Flanders, repairs	2 50
W. S. Woods, repairs	1 85
Groton Inn, gasoline and tires	463 21
Groton Auto and Repair Supply Co.	4 00
R. L. & W. H. Hackett, repairs and supplies	196 46
Massachusetts Highway Commission, license	2 00
Park Street Garage	157 00
E. B. Gerrish, insurance	431 03
John Paulding Meads & Co., insurance	67 00
E. A. Cowee Co.	1 15
F. A. Torrey, services rendered	25 00
F. G. Carpenter, storing automobile and supplies	60 00
G. C. Moison, pump	7 10
C. A. Earle, bookkeeping and typewriting	221 41
A. H. Thompson & Sons Co.	1 25
W. Pattee, refund on current	44 50
S. Evans, labor	10 00
Nashua Light & Power Co., lamps	41 50
Kidder's Express	15 50
J. E. Adams, horse hire	94 00
J. H. Hynes, horse hire	32 00
Allen, Doane & Co.	3 00
H. M. Moore, advertising	2 00
Turner's Public Spirit, advertising	2 45
Boston Publishing Co., advertising	13 50
Boston Post Publishing Co., advertising	20 70
Globe Newspaper Co., advertising	12 60
Groton Farmers' & Mechanics' Club, advertising	10 00

E. J. Sherman, labor	\$259 69	
W. Ogilvie, labor	146 95	
Ralph Hynes, labor	180 35	
N. H. Sherman, labor	171 90	
Roger Hynes, labor	108 15	
R. McNabb, labor	15 00	
Leonard Williams, labor	, 3 00	
	<hr/>	\$12,072 69
Balance, December 3, 1920		<hr/> \$77 06

CONSTRUCTION ACCOUNT

Balance, January 1, 1920		\$ 2 37
Appropriation February 4, 1920 for house connection	\$3,400 00	
Appropriation February 4, 1920, building Ayer line	1,500 00	
Appropriation February 4, 1920 for new trunk line	3,000 00	
Appropriation from depreciation account	2,000 00	
Transferred from depreciation account	1,567 63	
Appropriation, West Groton extension	3,000 00	
F. W. Coburn, supplies	18 00	
Groton Inn, labor and supplies	28 50	
S. W. Sabine, supplies	20 50	
Willard Smith, material and supplies	318 00	
Fred Bosley, material and supplies	35 00	
John Cleary, material and supplies	21 27	
	<hr/>	\$14,911 27

CASH PAID

Returned to treasurer	\$ 2 37
Transformers	1,427 07
General Electric Co., meters	895 63
American Steel & Wire Co., wire and supplies	3,926 00
Western Electric Co., supplies	1,724 78

Pettingell-Andrews Co., supplies	\$2,098 51
General Electric Co., supplies	878 86
Wetmore-Savage Co., supplies	144 46
George D. Wetherill & Co., supplies	65 97
Shattuck's Store Co., supplies	12 37
Barrett Co., supplies	25 97
A. H. Thompson & Sons Co.	6 25
American Express Co.	29 62
Kidder's Express Co.	1 60
Boston & Maine R. R. Co., freight	188 68
W. H. Dodge, cash paid for supplies	98 68
J. H. Hynes, horse hire	34 00
S. Evans, labor trimming trees	42 00
George S. Knapp, poles	323 50
W. P. Wharton, right of way, trunk line	18 00
John Lawrence, right of way, trunk line	39 00
John Bradley, right of way, trunk line	21 00
Groton School, right of way, trunk line	45 00
J. K. Smith, right of way, trunk line	15 00
E. J. Sherman, labor	324 20
W. Ogilvie, labor	137 83
Ralph Hynes, labor	732 49
N. H. Sherman, labor	327 80
R. McNabb, labor	5 00
Roger Hynes, labor	600 84
Leonard Williams, labor	5 00
Raymond Sawyer, labor	276 47
W. Crowley, labor	29 00
H. Woods, labor	130 00
L. Dodge, labor	43 75
F. McGee, labor	24 50
W. Folkins, labor	40 25
J. H. Hynes, labor	82 25
H. H. Frazee, labor	82 25
P. Harrington, labor	1 32
P. Weber, labor	4 00
	<hr/> \$14,911 27

DEPRECIATION ACCOUNT

Balance, December 31, 1919	\$2,782 54
Appropriation, February 4, 1920	1,105 16
Interest on depreciation fund	44 67
	<hr/> \$3,932 37
Appropriated and transferred to construction account	3,567 63
	<hr/>
Balance, December 31, 1920	\$364 74

COST OF PLANT

Cost of real estate	\$2,017 14
Cost of electric plant	1,628 26
Cost of lines	37,051 27
Cost of transformers	4,273 36
Cost of meters	3,849 47
Cost of lamp and globes, original installations	2,059 72
	<hr/>
	\$50,879 22

The following table shows the amount due from last report with sales for twelve months to October 26, 1920, inclusive; discounts allowed, cash received, and amounts due December 31, from sales to October 26:

	Sales	Discounts	Cash	Amts. due
Commercial	\$6,842 04	\$636 97	\$6,092 31	\$112 76
Power	3,446 13	84 73	3,305 10	56 30
	<hr/>	<hr/>	<hr/>	<hr/>
	\$10,288 17	721 70	\$9,397 41	\$169 06

Amount of current used by municipal buildings:

January	\$104 77
March	98 06
May	92 89
July	47 59
September	79 98
November	124 89
	<hr/>
	\$548 18
Appropriation	447 00
	<hr/>
In excess of appropriation	\$101 18

Amount of current used by street lighting:

January	\$396 40
March	366 96
May	317 40
July	225 99
September	227 09
November	296 51

\$1,830 35

Appropriation

1,800 00

In excess of appropriation

\$30 35

SIXTY-SEVENTH
ANNUAL REPORT
OF THE
GROTON PUBLIC LIBRARY



GROTON, MASSACHUSETTS,
DECEMBER, 1920

Trustees of the Groton Public Library

William A. Gardner	Term expires 1921
Martha P. Lawrence	Term expires 1921
Ellen M. Needham	Term expires 1922
James T. Bennett	Term expires 1922
Carl A. P. Lawrence	Term expires 1923
Rev. Charles B. Ames	Term expires 1923

ORGANIZATION

President

William A. Gardner

Secretary

James T. Bennett

Finance

James T. Bennett Carl A. P. Lawrence Rev. Charles B. Ames

Books

Martha P. Lawrence Ellen M. Needham William A. Gardner

Librarian, Emma F. Blood.

Librarian, West Groton Branch, Kate A. Tarbell.

LIBRARY HOURS

Afternoons

From 2 until 6 o'clock

Monday

Tuesday
Friday

Wednesday
Saturday

Thursday

Evenings

From 7 until 9 o'clock

Wednesday

Saturday

Mornings

From 9 until 12 o'clock

Monday

Saturday

WEST GROTON BRANCH

Afternoons

From 2.30 until 5.30 o'clock

Evenings

From 7 until 9 o'clock

Tuesday

Friday

Both Libraries closed on Legal Holidays

Report of the Trustees of the Groton Public Library

This year the Library was open the usual number of days. For two years previous it was necessary to close a part of the time on account of coal shortage and influenza epidemic.

The insurance on the building and books has been renewed for three years.

The reading room has been furnished with lamps for the tables.

The American Library Association made an appeal for "Books for Everybody" fund. The attention of the public was called to this movement through the local papers, personal letters and circulars distributed at the Library. Groton's quota was one hundred and seventeen dollars. The amount collected was one hundred and forty-three dollars.

Magazines were sent to the Library for the Groton Private Hospital for the use of the ex-service men.

From May 17 to 24, there was an exhibition of photographs by Charles J. Adams of Worcester.

The Librarians were given an increase in salary.

Rev. Charles B. Ames was elected a Trustee to fill the vacancy caused by the resignation of Arthur W. Lamb.

The Trustees ask for the following appropriations:

1. Dog tax receipts.
2. The sum of \$1,900.00 for current expenses.
3. The sum of \$250.00 for the West Groton Branch.
4. The sum of \$100.00 for the continuance of a Diary of Current Events.

WM. AMORY GARDNER,
Chairman.

APPENDIX

Amount of the Funds and the Investment of the Same

Amount of Funds

Bequest of Willard Dalrymple	\$2,500 00
Bequest of Augustus Fletcher	1,000 00
Bequest of Luther Blood	1,000 00
Bequest of Mary Elizabeth Hall	1,000 00
Bequest of Mary Jane Bigelow	2,500 00
Bequest of Samuel A. Green	3,000 00
	<hr/> \$11,000 00

Investment of Funds

\$1,000.00 bond, Detroit-Edison Co., interest at 5 % at	\$1,013 75
\$500.00 bond, Union-Pacific R. R., interest at 4 % at	436 88
\$1,000.00 bond, Montreal Tramways Co., interest at 5 % at	1,010 00
\$1,000.00 bond, Pacific Coast Power Co., interest at 5 % at	1,010 00
\$1,000.00 bond, Chicago Railway Co., in- terest at 5 % at	973 61
\$1,000.00 bond, United Electric Securities Co., interest at 5 % at	969 44
Fourth Liberty Loan bonds, interest at 4¼ % at	5,453 75
Cash North Middlesex Savings Bank	132 57
	<hr/> \$11,000 00

RECEIPTS AND EXPENDITURES FOR THE YEAR ENDING DECEMBER 31, 1920

RECEIPTS

Cash balance from income fund	\$ 27 12	
Cash balance dog tax	200 91	
Town appropriation	1,300 00	
Town appropriation for diary of current events	100 00	
Town appropriation, West Groton Branch	150 00	
Dog tax for 1920	338 89	
Interest from invested funds	413 12	
Received for grass 1919, 1920	8 00	
	<hr/>	\$2,538 04

EXPENDITURES

Paid for binding	\$ 37 06	
Paid for periodicals	127 35	
Paid for books	331 98	
Paid for printing	74 70	
Paid for dusting books	36 50	
Paid for fuel	296 50	
Paid for insurance	209 78	
Paid annual fee to Library Art Club for pictures	6 00	
Paid for electric light fixtures on tables in reading room	52 72	
Paid for repairs	21 42	
Paid for supplies	49 17	
Paid for salary of librarian	620 00	
Paid librarian for diary of current events	100 00	
Paid for substitute during vacation of librarian	40 00	
Paid for salary of librarian, West Groton Branch	158 00	
Paid for substitute during vacation of librarian, West Groton Branch	6 00	
Paid for janitor service	256 50	
Paid for janitor service, West Groton Branch	36 00	
Paid for incidentals	20 37	
Cash balance income fund	5 00	
Cash balance dog tax	52 99	
	<hr/>	\$2,538 04

ACCOUNT OF LIBRARIAN

RECEIPTS

Cash balance	\$ 8 64	
Received for papers and books	4 00	
Received for fines	44 93	
	<hr/>	\$57 57

EXPENDITURES

Paid for express and postage	\$24 32	
Paid for supplies	13 59	
Paid for books and magazines	7 35	
Paid for incidentals	10 45	
Cash balance	1 86	
	<hr/>	\$57 57

ACCOUNT OF LIBRARIAN, WEST GROTON BRANCH

RECEIPTS

Cash balance	\$ 4 76	
Received cash given for books	2 19	
Received for fines	15 14	
	<hr/>	\$22 09

EXPENDITURES

Paid for books	\$2 93	
Paid for binding books	2 70	
Paid for postage	3 69	
Paid for supplies	3 85	
Cash balance	8 92	
	<hr/>	\$22 09

Librarian's Report

Groton, Mass., December 31, 1920.

To the Trustees of the Groton Public Library:

The Librarian herewith submits her annual report for the year ending December 31, 1920.

Population of Groton 2185 (census of 1920).

Free Public Library.

Central Library with one Branch Library.

CIRCULATION

Days the Library was open	300
Volumes circulated	12784
Average daily circulation	42+
Largest daily circulation (Feb. 21)	143
Smallest daily circulation (May 28)	6
New names registered	119
(13 non-residents)	
Number of persons using library for reading and study	1894

Circulation for the different months was:

January	1106	July	1056
February	1173	August	1058
March	1204	September	949
April	1062	October	1059
May	912	November	1129
June	968	December	1108

CLASSIFICATION OF CIRCULATION

General works	22
Philosophy	41
Religion	54
Sociology	96
Philology	5
Natural Science	89

Useful arts	76
Fine arts	106
Literature	239
History	645
Biography	547
Fiction	7836
Juvenile	3228

ACCESSIONS

Volumes in the Library December 31, 1919	14,788
Volumes added	258
By purchase	142
By gift	116
Volumes replaced	9
Pamphlets added	26
Volumes in the Library December 1, 1920	15,046

PERIODICALS PURCHASED FOR THE READING ROOM

American Boy	Ladies' Home Journal
American Forestry	Library Journal
Atlantic Monthly	Munsey's Magazine
Bird-Lore	National Geographic Magazine
Bookman	New York Sunday Times
Boston Herald	Outing
Boston Transcript	Outlook
(Wed. and Sat.)	Popular Science
Century	Review of Reviews
Collier's Weekly	St. Nicholas
Education	Scientific American and Supplement
Garden Magazine	Scribner's Magazine
Harper's Monthly	Woman's Home Companion
Illustrated London News	World's Work

GIFTS TO THE READING ROOM

General Federation Magazine	Groton Woman's Club
Groton News	Publishers
Our Dumb Animals	Publishers
Sunset	Mrs. John H. Robbins
Youth's Companion	Georgianna A. Boutwell

OUR EXHIBITIONS FROM THE LIBRARY ART CLUB HAVE BEEN

Uniforms of the United States Army 1775-1918, Scott Antarctic Expedition 1910-13, Rhodesia, Pictures for children by Jessie Wilcox Smith, Apples, Markets of the World, Great Guns, Western Front, War in the Air, Peru, Life of Our Lord Jesus Christ, Menace of the Submarine, English Cathedrals, Warsaw.

WEST GROTON BRANCH CIRCULATION

Days the Library was open	98
Volumes circulated	3173
Average daily circulation	32+
New names registered	43
Total names registered	380

ACCESSIONS

Volumes in the Library December 31, 1919	993
Volumes added	33
By purchase	13
By gifts	20
Volumes in the Library December 31, 1920	1026

PERIODICALS PURCHASED

Century
Literary Digest
National Geographic Magazine
Outlook

GIFTS FOR THE READING TABLE

Bird-Lore	Mrs. John Lawrence
Everybody's	Mrs. George H. Bixby
Ladies' Home Journal	Mrs. John Lawrence
St. Nicholas	Mrs. John Lawrence
Scientific American	Mrs. John Lawrence

2000-2001

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NAMES OF DONORS

	Books	Pphs.
Beebe Town Library, Wakefield		1
Boston Public Library		1
Boutwell, Georgianna A.	3	
Brookline, (Mass.) Public Library		1
Chase, Stephen, Boston	1	
Concord, (Mass.) Public Library		1
Doubleday, Page & Co.	2	
Groton Water Company		1
John Crerar Library, Chicago		1
Johnson, Edward F., Woburn	1	
Lancaster Town Library		1
Larcom, Rodney C., Beverly		2
Lawrence, Mrs. John	13	
Library of Congress	2	2
Massachusetts, Commonwealth	12	
Memorial Hall Library, Andover		1
Milton, (Mass.) Public Library		1
New Bedford Public Library		1
Old Colony Trust Company		2
Robbins, Mrs. John H.	30	
Shute Memorial Library, Everett		1
State Street Trust Company		1
Stevens, Ruth	2	
Sturgis, Susan	6	
Tyrrell, Mrs. W. M.	3	
United States	5	6
Warren, Mary L.	2	
Westford Public Library		1
Wharton, Mrs. William F.	18	
Wharton, William P.	1	
White, Harry C.	11	
Woburn Public Library		1
Wood, Sarah H.	4	

EMMA F. BLOOD,
Librarian.

ANNUAL REPORTS
OF THE
SCHOOL COMMITTEE
AND
SUPERINTENDENT
OF SCHOOLS
OF THE
TOWN OF GROTON
FOR THE
YEAR ENDING DECEMBER 31, 1920



1921
THE NEWS PRINTING CO.
AYER, MASS.

School Committee

Arthur G. Kilbourn, M. D.	Term expires 1921
Lawrence E. Blood	Term expires 1921
James T. Bennett	Term expires 1922
Mrs. Edward B. Branigan	Term expires 1922
Clifford S. Griswold	Term expires 1923
Mrs. Harry C. White	Term expires 1923

Organization

Clifford S. Griswold, Chairman Fannie E. Woods, Secretary

Meetings of the Committee

Regular meetings of the School Committee are held in the Butler School Building on the first Tuesday of every month at 7.30 P. M.

Superintendent of Schools

Fannie E. Woods, A. M.

Office: Butler School Building, Tel. 48-13. House Tel. 210.

Office hours: Tuesdays, 2 to 5 P. M. Any other afternoon or evening by appointment.

School Physician

Arthur G. Kilbourn, M. D.

Attendance Officers

B. J. Dowling, Town Hall, Groton.

Rev. William Ganley, Tarbell School, West Groton.

SCHOOL CALENDAR

Winter Term, January 3, 1921 to March 25, 1921.

Spring Term, April 4, 1921 to June 17, 1921.

Fall Term, 1921, will begin Tuesday, September 6.

No School Signal

Fire alarm—22—at 7 A. M. indicates no school.

Fire alarm—22—at 11 A. M. no afternoon session. When this signal is sounded at 11, the forenoon session will continue until 1 o'clock.

Report of the School Committee

Groton, Mass., January 12, 1921.

For the support of the public schools for the current year 1921, the School Committee ask for the unexpended balance of 1920, receipts from tuition and that the sum of \$42,050.00 be raised and appropriated.

The general appropriation is to be expended approximately as follows:—

1. For general expenses (salary of superintendent, expenses of committee, enforcement of law, etc.)	\$ 2,500 00
2. For expenses of instruction (salaries of teachers, books and supplies)	24,650 00
3. For operating expenses of school plant (salaries of janitors, fuel, water, janitors' supplies)	7,400 00
4. For maintenance (repairs and improvements)	1,500 00
5. For transportation and promotion of health	4,700 00
6. For miscellaneous expenses	1,000 00
7. For tuition and for vocational school tuition	300 00

A financial statement will be shown on the following pages indicating how the appropriation of 1920 has been expended.

The high cost of labor, fuel and supplies and the imperative necessity of periodic increases in teachers' salaries make an increased appropriation for 1921 unavoidable.

The appropriation for 1920 has been used carefully with the object of getting the most for every dollar, but I believe the people of Groton will agree with me that money carefully expended for education is not a mere expenditure but a wise investment.

On assuming the duties of chairman of the school committee after thirty years of private school work it was but natural that I should look for differences and comparisons. I am glad to be able to say that I have found very little to criticise in the Groton public schools.

The past year with its severe winter and attendant difficulties in the transportation of pupils, with the embarrassments resulting from the nationwide shortage of teachers has been a severe test of the schools' administrative system. It is due to the patience and loyalty of all the school workers; the principal, the teachers and especially to the energy and devotion of the superintendent that the work has gone along smoothly and that the school standards have been more than maintained.

With the present high scale of wages and prohibitive building cost it may seem an inappropriate time to suggest further building, but we can at least advise, take counsel together and make plans for whatever action seems wise on the arrival of favorable building conditions.

The grades are satisfactorily provided for in the Boutwell and Tarbell schools. The high school building however is inadequate.

The advantages of a thoroughly modern sanitary, fireproof, well-lighted, well-equipped high school building, through its stimulus to higher education, its greater power of attracting and retaining the best teachers, and in combination with our good roads, water and lighting systems the inducement it will offer to desirable people with families to make their home with us I wish to offer to the people of Groton for their serious consideration.

For the Committee,

CLIFFORD S. GRISWOLD,

Chairman.

FINANCIAL STATEMENT OF THE GROTON SCHOOL COMMITTEE

Expenditures for the Fiscal Year, Jan. 1, 1920 to Dec. 31, 1920

General Class	Specific Class	Amount	Total	Needed for 1921
General Control	Superintendent	\$ 1,710 00		
	Committee Expense	239 12		
	Attendance Officers	30 00		
	Miscellaneous	208 83	\$ 2,187 95	\$ 2,500 00
Expense of Instruction	Teachers	\$ 18,330 30		
	Books	1,144 40		
	Supplies	1,160 23	\$ 20,634 92	\$ 24,650 00
Operation of School Plant	Fuel	\$ 2,720 43		
	Water and Janitors' Supplies	673 22		
	Janitors' Salaries	1,871 80	\$ 5,265 45	\$ 7,400 00
Maintenance	Repairs	\$ 313 75	\$ 313 75	\$ 1,500 00
Auxiliary Agencies	Library	\$ 17 09		
	Health	129 69		
	Transportation	4,462 75	\$ 4,609 53	\$ 4,700 00
School Gardens	Director	\$ 120 00		
	Labor and Material	63 25	\$ 183 25	
Miscellaneous Expenditures	Insurance	\$ 279 43		
	New Equipment	373 93		
	Incidentals	209 17	\$ 862 53	\$ 1,000 00
Tuition and Voca- tional School				\$ 300 00
	1920 Total Expenditures		\$34,057 38	\$ 42,050 00

RESOURCES

Appropriation	\$35,187 47
Receipts from other sources	171 60
Total income for 1920	\$35,359 07
Total expenditures for 1920	34,057 38
Unexpended balance	\$1,301 69

Note: 1920 Town received from Massachusetts
General School Fund \$3,141.58.

Report of the Superintendent of Schools

To the School Committee of Groton:

Ladies and Gentlemen:—I have the honor to submit to you and through you to the citizens of Groton my second annual report as superintendent of schools.

"The state that has the men has the present; the state that has the schools has the future; and the state that has the teachers has the schools." In reviewing the year, I find that in our corps of 20 teachers, since January 1, 1920, there have been thirteen changes, 12 new teachers and 1 teacher transferred to Tarbell school, therefore I do not hesitate to say that the most serious problem that confronts us today is the teacher problem. So limited were our funds, I must confess that there were days when it seemed very doubtful if we should be able to continue our schools with a full force of teachers. Our schools are running, however, with an efficient, earnest body of teachers and our problem now is to keep them.

TEACHERS' SALARIES

Our ability to secure teachers of desirable personality and training is dependent not only upon our ability to pay, but upon the general supply of teachers available and their quality. It is more economical to increase the salary of a teacher whose work is satisfactory than to run the risk of replacing that teacher with another at the same salary or even at a lower salary. We shall get better results for what we spend if we can retain our good teachers for longer periods. I will quote from the "Report of the Special Commission on Teachers' Salaries Appointed by the Governor": "The average salary of elementary teachers in 1920 is \$1,237.83, and that of high school teachers, \$1,695.48. Taking into account the increased cost of living, the former is equivalent in value to a salary of \$618.92 in 1910 or \$49.80 less than the average at that time, and the latter is equivalent in value to a salary of \$847.74 in 1910 or \$277.26 less than the

average at that time. It is evident that the increase in salaries, though very decided, has not been equivalent to the increase in the cost of living."

"Not only do the schools of the small towns sustain a loss because of the lack of qualified teachers, but they are also seriously handicapped by the excessive change in the personnel of the teaching force. In 1919 the schools of Massachusetts sustained a loss of 1700 teachers. The commission finds that a disproportionate part of this loss fell upon the small towns. These towns lose relatively more teachers than do the larger towns to the schools of other states and to other employments than teaching and in addition, they lose many teachers to the higher salaried positions in the urban schools within the state." "Although town and city life present strong attractions to many teachers, the most potent cause for the failure of the smaller towns to secure and retain their relative quota of qualified teachers is to be found in the low salaries there paid." "During the last financial year the increases in teachers' salaries granted by the cities were about double those granted in the rural towns. The Commission believes that legislation should aim in the direction of providing for all schools, whether urban or rural, a certain high level of teaching service. Without a larger measure of state support this level of service cannot be attained."

The following is a summary of latest statistics for Groton:

Population, state census, 1915	2,333
Valuation as of April, 1919	\$2,940,776 00
Valuation per pupil, 1918-1919	7,844 00
School tax per \$1,000.00 valuation, year ending Dec. 31, 1918	8 32
Expenditures for teachers' salaries 1919, per \$1,000.00 valuation, 1919	4 72
Average salaries of teachers, 1910-11, elementary	412 00
Average salaries of teachers, 1915-16, elementary	499 00
Average salaries of teachers, January 1, 1920	889 00
Per cent increase, January 1, 1920 over 1910-11	116
Average salaries of teachers, 1910-11, high	\$875 00
Average salaries of teachers, 1915-16, high	830 00
Average salaries of teachers, Jan. 1, 1920, high	1,140 00
Per cent increase Jan. 1, 1920 over 1910-11	30

Average salaries of teachers, Jan. 1, 1920, elementary,
women \$ 889 00
Average salaries of teachers, Jan. 1, 1920, high, men \$1,700.00,
women \$1,000.00.
Salaries paid Jan. 1, 1920, elementary, lowest \$700.00; median
\$925.00, highest \$1,050.00.
Salaries paid Jan. 1, 1920, high, men \$1,700.00; women, lowest
\$900.00; median \$1,000.00; highest \$1,100.00.
Teachers newly employed during year ending Dec. 31, 1919, 8.
Per cent of teaching positions, 50. .

The only way to maintain the efficiency of a school system is to pay salaries that will keep the teaching force intact and to make the pay commensurate with the pay of teachers in other towns in the same class as is our town.

FINANCES AND STATE AID

It is with a keen appreciation of our responsibility and accountability to the people that we ask for a sufficient amount to carry on our schools acceptably for the coming year. Nothing is more subversive of efficient management than inadequate funds. Financial support, or lack of it, makes or modifies all sorts of progress. The appropriation asked for may seem somewhat large, but abnormal conditions make it absolutely necessary. Not a dollar of school funds should be wasted neither should it be spent unnecessarily. It should be noticed in our financial statement that the expenditure for increased salaries has been for four months only. Had it been necessary to grant for the full year the increases to which we were forced in order to secure teachers in the fall, our expenditures would have exceeded our estimate for last year, but we must remember the new budget is for ten months. The expenses of operation will be large; water rates have advanced, fuel must be supplied for the rest of the winter, and we must provide for putting in our complete supply of fuel for next year in the summer, if the prices are more favorable.

In accordance with Chapter 363 of the General Acts of 1919 the town received from the state \$3,141.58 this year. By a proposed amendment of the above law, which will undoubtedly pass the present legislature, there will be a credit coming from the state to the town treasury of about \$6,000.00, if the town complies with certain

state conditions. This amount, however, will not be reduced from the appropriation at this time, but will come to the town as a reimbursement for salaries paid teachers and so reduce taxes to that extent.

TEACHING FORCE

Tarbell School. Early in January, Miss May Rollins, Grades III and IV, resigned to accept a position in the business world which she felt could afford her better returns financially. Miss Esther D. Bagley of Townsend was secured to fill the vacancy. Miss Isabel Murray, the principal, received a call to the State Normal School at Worcester and left us at the end of the winter term. Miss Dorothy Kline, Grades VI and VII, Boutwell, was transferred to the principalship at Tarbell, and the services of Miss Veola DeLauzon, a third-year girl at Lowell Normal, were secured for Boutwell. In June, Miss Flynn resigned from Grades V and VI, in her place was appointed Miss Rosa Pillsbury of Malden.

Boutwell School. Early in June Miss Edna Leonard was appointed in the New Bedford schools at a salary of \$1,700.00. Miss Ruth Doane, who had taught here two years in the lower grades, decided to continue her studies at Hyannis summer school, in preparation for junior high; she is now teaching in the schools of Mt. Vernon, New York, where she is assured rapid advancement both educationally and financially. Miss Dorothy Keyes of Rowley and Miss Hazel Clapp of Northboro were elected to fill these vacancies. In September, Miss DeLauzon was appointed acting-principal.

Butler High. Much time and thought were given to the selection of a principal for the high school. For this position there were many applicants. After careful consideration and investigation, Mr. John O. Hall, Jr., was unanimously elected. Mr. Hall is a teacher of experience, both in public and private schools, and comes to Groton with an excellent record. We feel that we have made a wise choice and that the high school will prosper under his administration. We were unable to offer sufficient salaries to retain our assistants in the high school, who had been with us long enough to gain the required experience which fitted them for larger schools and higher salaries. Miss Hite accepted a position in Beverly high, Miss Marsh went to Saugus high and Miss Seavey to Swampscott high. In their places we appointed Mr. Phillip O. Guptill, a Bates man from Meredith,

N. H., to serve as sub-master, teaching science and mathematics; Miss Charlotte D. Barstow, Wellesley, from Wollaston who had taught one year in New Jersey, to teach French; and Miss Josephine D. Baker, Wellesley, from Arlington Heights to teach English.

SPECIAL TEACHERS

As Mr. Peters, our manual training teacher, would complete his course at Fitchburg Normal some time this fall, it seemed best to have our new teacher begin his duties in September so that our work might go on without interruption, consequently the services of Mr. Francis X. Keating of Fitchburg were secured.

Uniting with the towns of Pepperell, Ayer, Shirley and Harvard, we have formed a union for a drawing teacher and employed Miss Rena A. Morse of Worcester as supervisor of drawing. By this arrangement, the supervisor visits the schools every Wednesday and gives a full day's work which results in our having the same amount of drawing as last year and one additional lesson.

Miss Elizabeth E. Lowe, our faithful supervisor of music for the past ten years, suffered a nervous break-down in the early part of October. Miss Lowe is an efficient, painstaking teacher, always generous with her time in advancing the cause of music; in appreciation of her services, the committee have given her a year's leave of absence from her work. We are pleased to hear that the much-needed rest is resulting in a speedy convalescence.

In November, Mrs. Ethel L. Pattee, a graduate of the New England Conservatory of Music and a teacher of experience, was appointed supervisor of music and began her duties the first of December. Plans are being made for a concert to be given in the spring by the seventh and eighth grades and the high school for the purpose of showing the people what is being accomplished in the schools in a musical way.

Although handicapped by so many changes, we have made progress along our various lines of work. We have been fortunate in our replacements of teachers—all teachers in the grades are normal school graduates of some experience, who have entered whole-heartedly into their work and an harmonious atmosphere pervades all the schools. The play-grounds at Boutwell are in charge of Miss Keyes, who is specializing in that line of work, having studied at the Sargent

school, Harvard college, last summer and will continue her work there again this summer. At Butler the grades are under the direction of Mr. Gupill in their recreation.

In September we transferred Mrs. Wilson and the seventh and eighth grades to Butler school. We can already see beneficial effects from this change in many ways; since the reorganization, I have not heard from any person a single word of complaint; new life, energy and interest have been added to the work of these grades and the congestion at Boutwell has been relieved and affords us the opportunity for an ideal arrangement of one grade to a room when the numbers are sufficient to warrant it.

New books have been provided where most needed and up-to-date histories, geographies, spelling-books and civics placed in some of the grades.

JANITORS

After many years of efficient and faithful service as janitor in the Butler school, Mr. Charles Harrington resigned in September to go into business. Mr. Morton P. Souther accepted the position. Upon the janitor is placed the sanitary and physical care of school property, the safety, health and comfort of the school children and their instructors. Mr. Souther took up his new duties with a great deal of interest and is serving most acceptably.

REPAIRS

Only the most important repairs have been made owing to the shortage of labor; however, much-needed repairs on the slate roof and porches at Butler and the roof at Boutwell are pending, and we hope for their completion in the immediate future.

Minor repairs have been made at the Tarbell school, the flag-staff painted, and weather strips placed on the windows, which will make the rooms more comfortable in windy weather and save fuel as well.

At Trowbridge, we have whitened the ceiling and painted the walls and made slight repairs which have improved the school-room, giving it a clean, home-like appearance which is much appreciated by teacher and pupils. Green lawns and well-kept walks are possible without extra expense if they are once put into shape. An approach

to a building is absolutely necessary—coal must be taken in and ashes removed, and the unsightly condition of our lawn at the Butler school bespeaks our attention in the near future as well as the dilapidated fence on the north side of the building. The minute details of up-keep require the spending of some money. Neglect in these matters is poor economy and an example of slackness to the growing generation so intimately associated with the school buildings, which no amount of precept can off-set.

SCHOOL GARDENS

The school gardens this year were under the direction of Miss Lois Wood of Lowthorpe school. There were two gardens as usual; one in the town, the other at West Groton. Miss Wood reports that the gardens at West Groton were not carried on properly due to the failure of the children to appear and work in their gardens at the appointed times. The children who had gardens in town worked hard, their attendance was satisfactory and their gardens were well cared for.

There is in my mind but one way that school gardens could be carried on successfully at the present time, and that would be for several towns to unite and employ a trained supervisor of agriculture, just as we employ a supervisor of drawing. Such a supervisor would render valuable service, the economical value of garden work would be emphasized in the school-room and become an important factor in the teaching of civics and the town would reap large dividends in the future. School gardens and home gardens are good, but further recognition of the importance of agriculture is necessary to win the best effort and interest of boys.

CONCLUSION

Despite all the difficulties and discouragements of getting and keeping a desirable teaching corps, efficiency must be maintained. The community is eager for good schools and ready to support them and we, the guardians of the children, would be failing in our duty if we did not make our needs known. It is for the children and for the generation in which they will be the moving spirit that we ask the taxpayers to make generous provision for the education of their children, and then to demand that the public schools give full measure in return.

"Upon the trained intelligence, the clarified insight and the disciplined will of our people in all likelihood will depend the fate of the world in the decades that are to come. First, last, and all the time it is an educational problem. It is your problem and my problem; your duty and my duty. At no time in the history of our profession has the need for devoted, consecrated, and united action been so imperative as it is today. Let us stand shoulder to shoulder with unbroken ranks and see the battle through to glorious victory."

I wish to thank the teachers and members of the committee for their co-operation and help in all matters pertaining to the schools.

Respectfully submitted,

FANNIE E. WOODS,
Superintendent of Schools.

Report of the High School Principal

Miss Fannie E. Woods,
Superintendent of Schools—

In keeping with the usual custom, I am pleased to submit a report as principal of the Butler high school. Inasmuch as my connection with the school has been of short duration, I feel that no very lengthy report will be expected. Possibly a few observations as to conditions and needs may be of value.

The school this year numbers seventy-five pupils, two-thirds of the number being girls. The bringing of the seventh and eighth grades into the building has added about forty more. There seems to be room for these pupils without crowding, and the plan appears to be working well. I think, however, that in a town as large as Grotton, we ought to have more in the high school. With confidence in the school and with the co-operation of the parents, a reasonable increase is hoped for and ought to be possible.

In order to secure this confidence and co-operation, it is absolutely essential that every effort should be made to secure teachers of experience and special training. The present dearth of skilled teachers gives the towns best able to pay good salaries the choice. I trust that it may be made financially possible for us to retain the services of good instructors.

The standardizing of schools and the movement everywhere to raise standards make it incumbent on all to take the matter of education seriously. Several new lines of progress which are being undertaken in the high school are thus far working well. In the matter of physical training, the setting-up drills, which are conducted for ten minutes daily, are sure to have a good effect on the bearing and general health of the boys and girls. The apparatus for the outdoor gymnasium, although it was put in place late in the season, has been in constant use and is evidently much appreciated. With the coming of spring, we purpose to make general use of it, under proper guidance, for the benefit of all pupils.

In keeping with the requirements of the state department of education, we have strengthened our course in American history and civil

government. An up-to-date history has been introduced and everything is being done to inspire the boys and girls with the truly American spirit, which involves appreciation of the country's advantages and a realization of the obligation of service which these advantages bring to the individual citizen.

To arouse an early interest in the high school the plan is being tried of having the pupils of the seventh and eighth grades begin Latin, if they so elect. A class of twelve has been formed, and two periods a week are being given to the study of the elements of the language. Much interest is being shown.

I have found the high school pupils generally loyal and willing in the matter of school activities when they can be properly guided. I shall try to introduce into the life of the school a system of supervision of social and athletic affairs which the pupils will find only helpful and not distasteful. A form of school council, to have as its center the various school officers, is being introduced. When the details have been worked out, I look to see it accomplish the thing which I believe the school most needs in the way of reform, namely, the developing of a realization, on the part of the student body, of the absolute necessity of taking school life seriously as a preparation for the service which each one is to render as a good citizen. Some features of this accomplishment ought to be, voluntary obedience, more faithful observance of outside study hours, greater regularity and promptness of attendance, a general willingness to co-operate with teachers and fellow-students for the good of the school, and a keener interest in the matter of success or failure.

With the lengthening of our school session, we have given up the afternoon session for extra study. I hope that it may not be necessary to restore it. So far the scheme is working out as planned.

Doubtless the greater familiarity with the work and the needs of the town and of the school which will come with the passing months will make it possible for me to suggest and work out further improvements.

In concluding I wish to thank all who have been so considerate of us who are newcomers on the faculty, as we have taken up our work here. The Groton School is always very helpful to the Butler high school and has our hearty thanks for many favors.

Yours respectfully,

JOHN O. HALL, Jr.

Reports of Supervisors

DRAWING

Miss Fannie E. Woods, Superintendent of Schools,

Dear Madam:—The work in drawing during the last three months has been very satisfactory, considering that the pupils have been working under new and different methods from those to which they have been accustomed.

In the lower grades we have done work in composition, a little object drawing, and designed small paper articles which we have made. During the year we shall continue these things, also drawing nature growths in the spring.

The upper grade pupils drew and painted studies of flowers and twigs during the fall, then took up lettering. We are now beginning object drawing, which is of course largely a study of perspective. One cannot learn to draw well and not learn to be observing at the same time. Later we shall take up design, then the study of nature growths, and sketching of trees in the spring. I believe that the study of trees will be intensely interesting as Groton affords such wonderful opportunities for this.

In high school we have had advanced study of design and drawing, and shall continue this. Stated simply, the result should be boys and girls who can draw, design and use color in conjunction with these well, and know the difference between the ugly and beautiful in everything.

I am much pleased with the co-operation of the teachers.

Respectfully submitted,

RENA A. MORSE,
Supervisor of Drawing.

DOMESTIC SCIENCE

The year 1920 closed with a bread exhibit on June 15th. This created a great deal of enthusiasm. The children had been working all winter toward a "perfect loaf", and on the last day of our school

year were able to show a number of prize loaves, judged by a representative of the Farm Bureau. As a practical test of the term's work they placed on sale, following an exhibit, a variety of dainties, including pies, cakes and cookies.

In September the class work started with the canning of all available material. The list of canned goods includes crab apple jelly, ginger pear, grape juice, marmalade, green tomato pickle, pears, apple sauce, tomato soup, and preserved citron. Lack of time made it impossible to prepare an extensive enough exhibit to display at the Groton fair. Several opportunities have already been given the classes to prepare refreshments for a number of people, including the senior booth of the Groton fair, the Hallowe'en party, and the Christmas party. These school functions create a splendid spirit of helpfulness and give the pupils a chance to put their lessons to a really practical use.

Respectfully submitted,

ALICE M. KILBOURN,
Teacher.

MANUAL TRAINING

To the Superintendent of Schools:

The following is a report on the Manual Training Course to you, the School Board and the Citizens:—

The year just passed found us striving, and I believe we have succeeded in putting the work on a sound basis in this town.

Let us for a moment consider the purpose of the course. It is, briefly, to impress on the pupils during the formative age a knowledge of the use of tools and materials used in bench and constructive work in manual training.

The seventh grade boys are given bench work in wood that they may become familiar with the use of tools and materials. The aim during the year is to teach the pupil the names, uses of tools, and how to care for them. The eighth grade boys are given larger and more complicated problems. A fair test of the year's work is the completion of one major project for home or school use. The high school boys are given problems in construction and repairing. They are taught to be able to lay out and make all the more common joints.

All the projects in the course of manual training are planned to include the wood finishing with the wood work.

The glazing around the school is done by the boys, thereby giving them a practical knowledge. The work is carried on under the conditions common to the trade.

Following is a brief survey of the course for the remainder of the term. Seventh grade boys will continue with work already started. The other classes will work on constructive problems, and for the latter I have prepared a series of short talks on subjects related to their work.

We wish to thank the Faculty, Principals and School Board for their co-operation.

Respectfully submitted,

FRANCIS X. KEATING,
Instructor of Manual Training.

SCHOOL NURSE

To the Superintendent of Groton Public Schools:

In my report to you this year, I am glad to say that I have found a marked improvement in the children from one year ago. There is a small percentage of those who have not been vaccinated, but these few have presented certificates from their physicians. Following up these certificates I have found the reason given satisfactory in most cases. Only one-third as many adenoids and tonsils as a year ago.

In regard to eyes, ears and teeth, there has been a marked improvement, only a few cases having been reported. I found a few cases of pediculosis, these received prompt attention from the parents and so prevented any continuance of the trouble.

I would like to make a statement in regard to the whooping-cough epidemic, which affected our schools quite seriously last June. If the first cases had been quarantined, I feel confident much of the trouble might have been averted. Only one case of infantile paralysis in the schools and one of measles. At all times close observation of the pupils is maintained.

Respectfully submitted,

ANNIE C. CULLEN,
School Nurse.

Report of School Physician

To the Superintendent of Schools:

The school physician desires to report a satisfactory condition in the schools. Contagious diseases have been few. Some whooping cough, a few chicken pox and occasional measles. We have had two cases of infantile paralysis.

Defects—bad teeth are being handled as rapidly as possible. I wish to draw attention to the generous good work of our dentists.

Tonsils and adenoids are being removed where there is disease. The reports from the children so relieved are most encouraging. Such corrective work as can be done is most worth while—making possible a child far above the average instead of a poorly nourished under-developed individual.

Thanking you, the teachers, parents and district nurse for their co-operation.

Yours respectfully,

ARTHUR G. KILBOURN.

Reports of Attendance Officers

Groton, Mass., January 12, 1921.

To Miss Fannie E. Woods, Superintendent of Schools of Groton:

I hereby submit my annual report as attendance officer for the year ending December 31, 1920:

There were no cases of non-attendance reported to me during the school year.

Inspectors for the state report the manufacturers are complying with the law in relation to employment of minors.

Respectfully submitted,

BARTHOLOMEW J. DOWLING.

West Groton, Mass., December 30, 1920.

To Fannie E. Woods, Superintendent of Schools of Groton:

During the year 1920 there have been no cases of truancy or non-attendance reported to me from Tarbell school.

WILLIAM GANLEY,
Attendance Officer.

TEACHERS IN SERVICE JANUARY 1921

School	Grade	Teacher	Educated	Home	Began Service
Butler	High	John O. Hall, Jr. A. B. Philip O. Guphill, A. B. Charlotte D. Barstow, B. A. Josephine D. Baker, B. A. Sarah L. Bell Mrs. Olive M. Wilson Veola Delauzon Hazel H. Clapp Dorothy E. Keyes Audrey Burkushaw Florence M. Roche Dorothy M. Kline Rosa L. Pillsbury Esther D. Bagley Rosalie A. Tricot Annie P. Floyd Mrs. James T. Hill Rena A. Morse Mrs. Winthrop Pattiee Alice M. Kilbourn Francis X. Keating Fannie E. Woods, A. M.	Harvard College Bates College Wellesley College Wellesley College Hickox Shorthand School Framingham Normal Lowell Normal Fitchburg Normal Salem Normal Fitchburg Normal Lesley Normal Fitchburg Normal Salem Normal Fitchburg Normal Fitchburg Normal Lawrence Academy Westbrook Seminary Art Museum School New Eng. Conservatory Simmons College Fitchburg Normal Wellesley College Brown University	Groton Meredith, N. H. Wollaston Arlington Hgts. Hollis, N. H. Groton Lowell Northfield Rowley Pepperell Groton North Adams Malden Townsend Leominster Groton Groton Worcester Georgetown Lancaster Fitchburg	Sept. 1920 Sept. 1920 Sept. 1920 Sept. 1920 Nov. 1914 Feb. 1898 April 1920 Sept. 1920 Sept. 1920 Sept. 1917 Sept. 1917 Sept. 1918 Sept. 1920 Feb. 1920 Sept. 1919 Jan. 1918 Sept. 1919 Sept. 1920 Dec. 1, 1920 Sept. 1920 Sept. 1920
Boutwell	7, 8 5, 6 4, 5 3, 4 2				
Tarbell	1 7, 8 5, 6 3, 4 1, 2 Mixed				
Trowbridge Substitute Drawing Music Domestic Science Manual Training Superintendent					

STATISTICS FOR THE YEAR 1919-1920

Schools	Grades	Teachers	Aggregate Attendance	Supplementary List of Pupils	Enrollment	Enrollment Boys	Enrollment Girls	Average Membership	Average Attendance	Pupils Between 5 and 7 years	Pupils Between 7 and 14 years	Pupils Between 14 and 16 years	Pupils Over 16 years
Butler	High	Alfred P. Richardson Harriet J. Hite Elizabeth M. Marsh Marjorie Seavey Sarah L. Bell Olive M. Wilson (Dorothy M. Kline (Veola DeLaunon Ruth A. Doane Edna M. Leonard Audrey Burkinshaw Florence M. Roche (Isabel H. Murray (Dorothy M. Kline (Gertrude Gorman (Jessie E. Flynn (May A. Rollins (Esther B. Bagley Rosalie A. Tricot	10467	1	70	27	43	64.03	60.15	0	2	39	29
Boutwell	7, 8 6, 7		4544.5 5040.5	1 3	32 38	11 14	21 24	28.7 38	26.1 28.9	0	25 36	6 2	1 0
Tarbell	4, 5 3, 4 2, 3 1 7, 8		5616 6903 5987 6943 3201	3 2 2 1 1	41 42 42 46 21	19 23 17 23 12	22 19 25 23 9	35.3 36.87 37.49 39.41 19.6	32.28 34.44 34.408 34.68 18.384	0 0 2 30 0	40 42 40 16 21	1 0 0 0 0	0 0 0 0 0
Trowbridge	5, 6 3, 4 1, 2, 3 4, 5, 7		5102 4054 4750 1549	7 5 8 2	30 22 29 12	16 10 15 8	14 12 14 4	31.70 27 29.46 9.2	29.32 24.58 27.36 8.4	0 0 0 2	30 22 29 10	0 0 0 0	0 0 0 0

Roll of Honor

The following pupils were neither absent nor tardy during the school year beginning September 8, 1919 and ending June 18, 1920:

BUTLER HIGH SCHOOL

Daniel N. McCarty	Gertrude A. Mooney
Thelma A. MacGregor	Ruth E. Stevens
Edward J. Webber	

BOUTWELL SCHOOL

George R. Blodgett	Roland Sawyer
Thomas Lawrence	Bernice Souther
Edith M. MacGregor	Sarah A. Stone
George W. MacGregor	Fred H. Taylor
Helen C. Palmer	Phillip N. Torrey

TARBELL

Helen Cronin	Mary O'Sullivan
Margaret O'Sullivan	

TABLE

Number of pupils in each grade, December 1920:

School	Grades														Totals	
	1	2	3	4	5	6	7	8	9	10	11	12	P.G.	Sp.		
Boutwell	26	36	23	35	28	23	0	0	0	0	0	0	0	0	171	
Tarbell	19	15	10	14	14	14	12	14	0	0	0	0	0	0	112	
Trowbridge	2	2	1	0	3	0	2	1	0	0	0	0	0	0	11	
Butler	0	0	0	0	0	0	18	19	26	20	10	13	2	1	109	
Totals	47	53	34	49	45	37	32	34	26	20	10	13	2	1	403	

Graduating Exercises

OF THE

BUTLER HIGH SCHOOL

Groton, Mass.

Thursday Evening, June 17, 1920

Class Motto—Finis coronat opus

PROGRAM

"Olav Trygvason"

Edvard Grieg

School Chorus

Salutatory and Essay—And This, Our World

Ruth Evelyn Stevens

"A Capital Ship"

Old English

Boys' Chorus

1 "Red Rose of Love"

F. Stanton Gladwin

2 "The Sweet O' the Year"

Mary Turner Salter

3 "With You"

Godfrey Nutting

Mildred Kemp

Essay—"The Conservation of Our Natural Resources"

Herbert Sydney Lucy

"The Fairy Revel"

Sir Arthur S. Sullivan

From "The Pirates of Penzance"

Girls' Chorus

Valedictory and Essay—"More Pay and Less Work"

Harvey Sterling Lawrence

Serenade—From "The Fencing Master"

R. DeKoven

The Class of 1920

Presentation of Diplomas

Mr. C. S. Griswold

Benediction

Rev. Arthur V. Dimock

Accompanist, Miss Harriet J. Hite

Violinist, Miss Alice Knapp

Musical Director, Miss Elizabeth E. Lowe

Class of 1920

General Course

Bernard Arthur Cronin

Harvey Sterling Lawrence

Julia Theresa Long

Herbert Sydney Lucy

Eugene Edward Smith

Ruth Evelyn Stevens

Commercial Course

Mildred Kemp

Graduation Exercises

OF THE

BOUTWELL GRAMMAR SCHOOL

Town Hall, Groton, Friday, June 18, 1920

Song, Hail to the Chief

School

Recitation, The Landing of the Pilgrims

John Lewis

Essay, Improvements—1620-1920

Estelle Styles

Piano Solo

Marjorie Shaw

The Seasons

Spring—Bernice Souther

Summer—Ruth Patterson

Autumn—Emily Wight

Winter—Edith MacGregor

Looking Backward

Elisabeth Rowell

Song, Sweet and Low

School

The Bridge of Ships

George Cummings

The Battle of the Tubs

Marjorie Shaw, Claire Charpentier

Recitation, A Scrap of Paper

Frederick Sherwin

Songs—Coming Through the Rye

The Happy Farmer

School

The Builders

Richard Torrey

Essay, Methods of Travel
Edward Connolly
Extracts from Miles Standish
Beatrice Palmer, Catherine Freeman
Recitation, Belgium the Bar-Lass
Roland Sawyer
Song, Welcome Sweet Springtime
School
Looking Forward
Marie Covell
Essay, Our Earliest Teachers
Melvin Mansur
Song, Night
School
Presentation of Diplomas
Dr. A. G. Kilbourn

GRADUATES

Claire Rose Charpentier	Ruth Margaret Patterson
Edward Connolly	Elizabeth Johnson Rowell
Marie Olive Covell	Roland Willard Sawyer
George Washington Cummings	Marjorie Elizabeth Shaw
Catherine Bridget Freeman	Daniel Frederick Sherwin
John Thornton Lewis	Bernice Butler Souther
Edith May MacGregor	Kathleen Estelle Styles
Melvin White Mansur	Richard Appleton Torrey
Beatrice Emeline Palmer	Emily Wight

Graduating Exercises

OF THE

TARBELL GRAMMAR SCHOOL

In Squannacook Hall, West Groton, Thursday, June 17, 1920

"Through Trials to Triumph"

PROGRAM

Processional

Grades 1-8

Invocation

Rev. William Ganley

Piano Duet

Claire Duquette, Elizabeth McCann

Dramatization—"The Courtship of Miles Standish"

Priscilla

Elizabeth May Bates

John Alden

Harry Gilman Dodge

Miles Standish

Joseph Warren Lawrence

Minister

Arthur Francis King

Group of Songs—Good Wishes

Pouts and Smiles

Slumber Song

Grades 7 and 8

Class History

Patricia Newman Smith

Solo—"Commencement Day"

Evelyn Parker

Class Prophecy

Charles Donald Lawrence

Song—"Moonlight Serenade"

Grades 7 and 8

Presentation of Diplomas

Mr. C. S. Griswold,

Chairman of School Committee

America

Recessional

GRADUATES

Elizabeth May Pates

Harry Gilman Dodge

Arthur Francis King

Charles Donald Lawrence

Joseph Warren Lawrence

Patricia Newman Smith

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